



**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

SUN TECH

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

and fulfills the requirements of FSSAI & APEDA
for its facilities at

40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

in the field of

TESTING

Certificate Number

TC-5432 (Integrated)

Issue Date

31/03/2024

Valid Until

30/03/2026

FSSAI: 31/03/2024, APEDA: 04/06/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity : SUN TECH

Signed for and on behalf of NABL



89076970100030002563

**N. Venkateswaran
Chief Executive Officer**



**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **1 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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Permanent Facility

1.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Coliform bacteria	IS : 15185 : 2016	Qualitative
2.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Coliform bacteria	ISO : 9308 - 1 : 2014	Qualitative
3.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Escherichia Coli	IS : 9308 - 1 : 2014	Qualitative
4.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Escherichia Coli	IS : 15185 : 2016	Qualitative
5.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Faecal Streptococci	IS : 15185 : 2002	Qualitative
6.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Pseudomonas Aeruginosa	IS : 13428 (Annex - D) : 2005	Qualitative
7.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Salmonella	IS : 15187 : 2016	Qualitative
8.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Salmonella	ISO : 19250 : 2010	Qualitative

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Certificate No. **TC-5432 (Integrated)** **Page No.** **2 of 79**

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9.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Shigella	IS : 5887 (Part- 7) : 1999	Qualitative
10.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Staphylococcus Aureus	IS : 5887 (Part- 2) : 1976	Qualitative
11.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Sulphite Reducing Anaerobes	IS : 13428 (Annex - C) : 2005	Qualitative
12.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Total Plate Count at 22°C	IS : 5402 : 2012	Greater than or equal to 1 cfu/ml
13.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Total Plate Count at 22°C	ISO : 4833 - 1 : 2013	Greater than or equal to 1 cfu/ml
14.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Total Plate Count at 37°C	ISO : 4833 - 1 : 2013	Greater than or equal to 1 cfu/ml
15.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Total Plate Count at 37°C	IS : 5402 : 2012	Greater than or equal to 1 cfu/ml
16.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Packaged Drinking Water	Vibrio Cholerae	IS : 5887 (Part -5) : 1976	Qualitative
17.	BIOLOGICAL/ FOOD &	Packaged Drinking Water	Vibrio Parahaemolyticus	IS : 5887 (Part -5) : 1976	Qualitative

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Certificate No. **TC-5432 (Integrated)** **Page No.** **3 of 79**

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18.	AGRICULTURAL PRODUCTS	Packaged Drinking Water	Yeast and Moulds	IS : 5403 : 1999	Qualitative
19.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander, chilies, Turmeric Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mac, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Salmonella Detection	IS : 5887 (Part - 3)	Qualitative
20.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to Eat food	Yeast and Moulds	IS: 5403 : 1999	Qualitative
21.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified Rice Kernels (FRK)	Mesophilic Aerobic Bacteria Count	IS: 5402 : 2018	Qualitative
22.	BIOLOGICAL/ FOOD & AGRICULTURAL PRODUCTS	Fortified Rice Kernels (FRK)	Yeast and Moulds	IS: 5403 : 1999	Qualitative
23.	CHEMICAL/ FOOD & AGRICULTURAL	Ready to eat food products	Calcium as Ca	IS : 5949: 2003	10.0 mg/100g to 500.0 mg/100g

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Certificate No. **TC-5432 (Integrated)** **Page No.** **4 of 79**

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PRODUCTS					
24.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Carbohydrate (By Difference)	IS : 1656: 2007	10 % to 80 %
25.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Crude Fibre	IS : 10226 (Part - 1): 1982	0.01 mg/100g to 10.0 mg/100g
26.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Energy (on Calculation basis)	Codex Guidelines: 1985	100 Kcal/100g to 800 Kcal/100g
27.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Fat	IS : 4684 (Appendix - F): 1975	1 % to 50 %
28.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Flour Characteristics - Passing through 600 micron sieve	ST/STP/PHYSICAL TEST/RTF/FLOUR CHARACTERISTICS/ 2022	0.01 % to 100 %
29.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Flour Characteristics : Passing through 1000 micron sieve	ST/STP/PHYSICAL TEST/RTF/FLOUR CHARACTERISTICS/ 2022	0.01 % to 100 %
30.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Iron as Fe	IS : 11536: 2007	0.1 mg/100g to 500 mg/100g
31.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Iron as Fe	IS : 1656: 1969	0.01 mg/100g to 20.0 mg/100g
32.	CHEMICAL/	Ready to eat	Moisture	IS :1011: 2002	0.1 % to 20 %

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Certificate No. **TC-5432 (Integrated)** **Page No.** **5 of 79**

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	FOOD & AGRICULTURAL PRODUCTS	food products			
33.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Protein	IS : 7219: 1973	1 % to 30 %
34.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Shape	ST/STP/PHYSICAL TEST/SHAPE: 2022	Qualitative :Powder/ Granular/ Ladoo like Ba Is/ Burfi like Rectangular/ Flakes/ Sheet
35.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Taste	ST/STP/PHYSICAL TEST/TASTE: 2022	Qualitative :Sweet/ Salty/ Sweet & Salty mixed/ Tasteless
36.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Texture	ST/STP/PHYSICAL TEST/TEXTURE: 2022	Qualitative :Granular/ Lumps/ Powder/ Semi-liquid/ Semi - solid
37.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Total Ash	IS : 1009 (Appendix B): 1979	0.1 % to 10 %
38.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Vitamin A as Retinol	ST/STP/VITAMIN/A: 2022	1.0 mg/Kg to 100.0 mg/Kg
39.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Vitamin B1 as Thiamine	ST/STP/VITAMIN/B1 2022	1.0 mg/Kg to 100.0 mg/kg

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Certificate No. **TC-5432 (Integrated)** **Page No.** **6 of 79**

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40.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Vitamin B2 as Riboflavin	ST/STP/VITAMIN/B2 2022	1.0 mg/Kg to 100.0 mg/kg
41.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Vitamin B3 as Niacin	ST/STP/VITAMIN/B3 2022	1.0 mg/Kg to 100.0 mg/kg
42.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Vitamin B9 as Folic Acid	ST/STP/VITAMIN/B9 2022	1.0 mg/Kg to 100.0 mg/kg
43.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Vitamin C as Ascorbic Acid	ST/STP/VITAMIN/C: 2022	1.0 mg/Kg to 100.0 mg/Kg
44.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 12:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 70.0 %
45.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 14:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 30.0 %
46.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 16:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 15.0 %
47.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 18:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 20.0 %
48.	CHEMICAL/ FOOD &	Coconut Oil	Fatty Acid - C 18:1	AOAC - 969.33(41.1.28)-20th	0.1 % to 20.0 %

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Certificate No. **TC-5432 (Integrated)** **Page No.** **7 of 79**

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49.	AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 18:2	Edition - Volume II: 2016 AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 5.0 %
50.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 18:3	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.0 % to 0.5 %
51.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 20:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.00 % to 0.5 %
52.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 20:1	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.00 % to 0.5 %
53.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 6:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.00 % to 2.0 %
54.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C 8 : 0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 15.0 %
55.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Fatty Acid - C10:0	AOAC - 969.33(41.1.28)-20th Edition - Volume II: 2016	0.1 % to 20.0 %
56.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Acid Value	IS : 548 (Part - 1):1964	0.01 to 50

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Certificate No. **TC-5432 (Integrated)** **Page No.** **8 of 79**

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57.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Colour	FSSAI MANUAL - 2: 2015	Qualitative :Visual Determination
58.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Fatty Acid Composition By GC	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 100.0 %
59.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Free Fatty Acid as Oleic Acid	FSSAI MANUAL - 2: 2015	0.01 % to 10 %
60.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Iodine Value (Wijs)	IS : 548 (Part - 1):1964	90to 120
61.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Mineral Oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
62.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Moisture Content	IS : 548 (Part - 1): 1964	0.01 % to 20 %
63.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Refractive Index at 40 deg C	IS : 548 (Part - 1): 1964	1.4640 to 1.4680
64.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Saponification value	IS : 548 (Part - 1): 1964	160 to 190
65.	CHEMICAL/ FOOD &	Edible oil	Specific Gravity	FSSAI MANUAL -2: 2015	0.02 to 2

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Certificate No. TC-5432 (Integrated) **Page No.** 9 of 79

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66.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Test for Cloud Point	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
67.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Test for Presence of Animal body Fat	FSSAI MANUAL - 2: 2015	Qualitative Microscopic Visual Examination
68.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Test for presence of Linseed oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
69.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible oil	Test for Rice – Bran Oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
70.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Unsaponifiable Matter	IS : 548 (Part - 1): 1964	0.1 % to 5 %
71.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Acid Value	IS : 548 (Part - 1): 1964	0.1 to 80
72.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Allyl Isothiocyanate	IS : 548 (Part - 1): 1964	0..01 % to 5 %
73.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Be lier turbidity temperature	IS : 548 (Part - 1): 1964	20 degree C to 30 degree C

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Certificate No. TC-5432 (Integrated) **Page No.** 10 of 79

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74.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Colour	IS : 548 (Part - 1): 1964	10 to 100
75.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 14:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 2.0 %
76.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 16:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 10.0 %
77.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 16:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 5.0 %
78.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 18:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 5.0 %
79.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 18:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 30.0 %
80.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 18:2	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 30.0 %
81.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 18:3	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 25.0 %
82.	CHEMICAL/ FOOD &	Mustard Oil	Fatty Acid - C 20:0	AOAC - 969.33(41.1.28)-20 th	0.00 % to 2.0 %

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Certificate No. TC-5432 (Integrated) **Page No.** 11 of 79

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83.	AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 20:1	Edition - Volume II: 2016 AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 20.0 %
84.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 20:2	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 2.0 %
85.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 22:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 5.0 %
86.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Fatty Acid - C 22:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 70.0 %
87.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Flash Point	IS : 1448 (Part - 21):1970	90 Degree C to 300 Degree C
88.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Iodine value (Wijs)	IS : 548 (Part - 1):1964	90 to 120
89.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Moisture & Insoluble impurities	IS : 548 (Part - 1):1964	0.1 % to 10 %
90.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Refractive Index at 40 degree C	IS : 548 (Part - 1):1964	1.4639 to 1.4670

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Certificate No. TC-5432 (Integrated) **Page No.** 12 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

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91.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Saponification Value	IS : 548 (Part - 1): 1964	160 to 180
92.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Test for Argemone Oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
93.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Test for Hydrocyanic Acid	FSSAI MANUAL -2: 2015	Qualitative :Present / Absent
94.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Test for Oryzanol	FSSAI MANUAL -2: 2015	Qualitative :Present / Absent
95.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Test for Poly Bromide	FSSAI MANUAL -2: 2015	Qualitative :Present/ Absent
96.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Test for Rancidity	FSSAI MANUAL -2: 2015	Qualitative :Its Quantitative test
97.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Unsaponifiable Matter	IS : 548 (Part - 1): 1964	0.1 % to 5 %
98.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Acid Value	IS : 548 (Part - 1): 1964	0.1 to 10
99.	CHEMICAL/ FOOD &	Olive Oil	B R Reading at 40 degree C	IS : 548 (Part - 1):1964	40 to 60

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **13 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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100.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Be Iier Test	IS : 548 (Part - 1):1964	15 degree C to 20 degree C
101.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Cotton Seed oil test	IS : 548 (Part - 1):1964	Qualitative
102.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 14:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 0.5 %
103.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 16:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 25.0 %
104.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 16:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 5.0 %
105.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 17:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 1.0 %
106.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 17:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 1.0 %
107.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 18:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 10.0 %

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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 14 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
108.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 18:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 70.0 %
109.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 18:2	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.1 % to 30.0 %
110.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 20:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 1.0 %
111.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 20:1	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 1.0 %
112.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Fatty Acid - C 22:0	AOAC - 969.33(41.1.28)-20 th Edition - Volume II: 2016	0.00 % to 1.0 %
113.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Iodine Value (Wijs)	IS : 548 (Part - 1): 1964	70 to 99
114.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Refractive Index at 20 degree C	IS : 548 (Part - 1): 1964	1.4600to 1.4650
115.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Saponification Value	IS : 548 (Part - 1): 1964	1 mg KOH/g Oil to 199 mg KOH/g Oil
116.	CHEMICAL/ FOOD &	Olive Oil	Test for Olive Pomace Oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent

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Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 15 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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117.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Test for Oryzanol	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
118.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Test for presence of Argemone Oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
119.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Test for Presence of Olive Residue	FSSAI MANUAL -2: 2015	Qualitative :Present / Absent
120.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Test for Rancidity	FSSAI MANUAL -2: 2015	Qualitative :Its quantitative test
121.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Test for Semi - SiccativeOil	FSSAI MANUAL -2: 2015	Qualitative :Present / Absent
122.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Test for Teaseed Oil	FSSAI MANUAL -2: 2015	Qualitative :Present / Absent
123.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Unsaponifiable Matter	IS : 548 (Part - 1): 1964	0.1 % to 5 %
124.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value	IS : 548 (Part - 1): 1964	0.01 to 50

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Testing and Calibration Laboratories
&**



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SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 16 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
125.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value (Wijs)	IS : 548 (Part - 1): 1964	80 to 150
126.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture Content	IS : 548 (Part - 1): 1964	0.01 % to 10 %
127.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	n - Hexane	FSSAI MANUAL - 2: 2015	0.0 % to 5 %
128.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Phosphorus as P	FSSAI MANUAL - 2: 2015	0.001 % to 5 %
129.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Refractive Index at 40 Degree C	IS : 548 (Part - 1): 1964	1.4640 to 1.4680
130.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value	IS : 548 (Part - 1): 1964	160 to 190
131.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Argemone Oil	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
132.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Oryzanol	FSSAI MANUAL - 2: 2015	Qualitative :Present / Absent
133.	CHEMICAL/ FOOD &	Vegetable Oils	Test for Rancidity	FSSAI MANUAL - 2: 2015	Qualitative :Its quantitative test

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Testing and Calibration Laboratories
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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **17 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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134.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Unsaponifiable Matter	IS : 548 (Part - 1): 1964	0.1 % to 5 %
135.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Argemone Seeds	FSSAI MANUAL - 10: 2015	Qualitative :Present / Absent
136.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Ash Insoluble in dilute HCL - on Dry Basis	FSSAI MANUAL - 10: 2015	0.01 % to 5 %
137.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek,	Defective seeds	FSSAI MANUAL - 10: 2015	0.01 % to 10 %

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Testing and Calibration Laboratories
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Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **18 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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		Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan			
138.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Edible seed other than main seed	FSSAI MANUAL - 10: 2015	Qualitative :Present / Absent
139.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Extraneous Matter	FSSAI MANUAL - 10: 2015	0.01 % to 5 %
140.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace,	Insect Damaged Seeds	FSSAI MANUAL - 10: 2015	0.001 % to 5 %

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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 19 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

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		Mustard, Nutmeg, Poppy, Aniseed & Ajowan			
141.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Moisture	FSSAI MANUAL - 10: 2015	0.1 % to 25 %
142.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Non Volatile Ether Extract on Dry Basis	FSSAI MANUAL - 10: 2015	1 % to 60 %
143.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard,	Total Ash on Dry Basis	FSSAI MANUAL - 10: 2015	0.1 % to 30 %

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Testing and Calibration Laboratories**
&



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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 20 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

		Nutmeg, Poppy, Aniseed & Ajowan			
144.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Volatile Oil Content on Dry Basis (v/w)	FSSAI MANUAL - 10 : 2015	0.01 % to 10 %
145.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chilies, Capsicum(Lal Mirchi) â€“ powder and whole	Acid Insoluble Ash	IS : 1797 - Clause 8: 1985	0.01 % to 5 %
146.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chilies, Capsicum(Lal Mirchi) â€“ powder and whole	Crude Fibre	IS : 1797 - Clause 13: 1985	0.01 % to 50 %
147.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chilies, Capsicum(Lal Mirchi) â€“ powder and whole	Moisture	IS : 1797 - Clause 9: 1985	0.01 % to 20 %
148.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chilies, Capsicum(Lal Mirchi) â€“ powder and whole	Non Volatile Ether Extract (on Dry Basis)	IS : 1797 Clause 14: 1985	0.1 % to 50 %

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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 21 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
149.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chilies, Capsicum(Lal Mirchi) â€“ powder and whole	Total Ash (on Dry Basis)	IS : 1797 - Clause 6: 1985	0.01 % to 10 %
150.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Acid Insoluble Ash	IS : 1797: 1985	0.01 % to 2 %
151.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Moisture on dry basis	IS : 1797: 1985	0.1 % to 12 %
152.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Total Ash on dry basis	IS : 1797: 1985	0.01 % to 10 %
153.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Volatile oil	IS : 1797: 1985	0.05 % to 10 %
154.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Indian Curry Powder	Acid Insoluble Ash	IS : 1909: 1992	0.01 % to 2 %
155.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Indian Curry Powder	Crude Fibre	IS : 1909: 1992	0.1 % to 20 %
156.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Indian Curry Powder	Moisture	IS : 1909: 1992	0.1 % to 20 %

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Testing and Calibration Laboratories
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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **22 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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157.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Indian Curry Powder	Non Volatile Ether Extract	IS : 1909: 1992	1 % to 20 %
158.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Indian Curry Powder	Total Ash (on dry basis)	IS : 1909: 1992	0.1 % to 15 %
159.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Indian Curry Powder	Volatile Oil	IS : 1909: 1992	0.01 ml/100g to 5 ml/100g
160.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Alkalinity as Na ₂ CO ₃	IS : 7224 - Annex J: 2006	0.01 % to 2.0 %
161.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Calcium as Ca (on Dry Basis)	IS : 7224 - Annex F: 2006	0.001 % to 5.0 %
162.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Chloride Content as NaCl (on Dry Basis)	IS : 7224 - Annex D: 2006	50.0 % to 100.0 %
163.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and	Iodine Content as I	IS : 7224 - Annex H: 2006	0.05 ppm to 60.0 ppm

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&



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(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **23 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

164.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Refined Iodized Salt Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Iron as Fe	IS : 7224 - Annex M: 2006	1.0 ppm to 80.0 ppm
165.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Magnesium as Mg (on Dry Basis)	IS : 7224 - Annex F: 2006	0.001 % to 10.0 %
166.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined	Matter Insoluble in water (on Dry Basis)	IS : 7224 - Annex E: 2006	0.001 % to 10.0 %
167.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Moisture	IS : 7224 - Annex A: 2006	0.001 % to 10.0 %
168.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Sulphate as SO4	IS : 7224 - Annex G: 2006	0.001 % to 10.0 %
169.	CHEMICAL/ FOOD & AGRICULTURAL	Iodized Salt, Vacuum Evaporated	Water Insoluble Matter (on Dry Basis)	IS : 7224 - Annex C: 2006	0.001 % to 10.0 %

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **24 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	PRODUCTS	Iodized Salt and Refined Iodized Salt			
170.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric (Finger & powder)	Curcumin Content	IS : 10925: 1985	0.1 % to 20 %
171.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric (Finger & powder)	Dilute HCl insoluble Ash on dry basis	IS : 1797: 1985	0.01 % to 10 %
172.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric (Finger & powder)	Moisture Content	IS :1797: 1985	1 % to 30 %
173.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric (Finger & powder)	Presence of Chromate	IS : 1797: 1985	Qualitative
174.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric (Finger & powder)	Starch	IS : 1797: 1985	1 % to 80 %
175.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Turmeric Powder	Total Ash	IS : 1797: 1985	0.1 % to 20 %
176.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Condensed Milk	Acidity	IS : 1166: 1986	0.01 % to 2 %
177.	CHEMICAL/ FOOD & AGRICULTURAL	Condensed Milk	Fat	IS :1166: 1986	0.1 % to 30 %

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(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **25 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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PRODUCTS					
178.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Condensed Milk	Titratable Acidity as Lactic Acid	IS : 1166: 1986	0.01 % to 10 %
179.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Condensed Milk	Total Milk Solid	IS : 1166: 1986	1 % to 80 %
180.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant Milk	acid Insoluble Ash	IS : 14433: 2006	0.001 % to 2 %
181.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant Milk	Fat	IS : 14433: 2006	0.1 % to 30 %
182.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant Milk	Moisture Content	IS : 14433: 2006	0.1 % to 10 %
183.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant Milk	Total Ash	IS : 14433: 2006	0.1 % to 20 %
184.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Infant Milk	Total Milk Protein	IS : 14433: 2006	0.1 % to 20 %
185.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoya	Fat	IS : 4883: 1980	1 % to 80 %

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**National Accreditation Board for
Testing and Calibration Laboratories**
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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **26 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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186.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoya	Titratable Acidity	IS : 4883: 1980	0.01 % to 10 %
187.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoya	Total Ash	IS : 4883: 1980	0.1 % to 10 %
188.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoya	Total Solid	IS : 4883: 1980	10 % to 99 %
189.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Ash Content	IS : 11721: 2013	0.1 % to 10 %
190.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk Powder	Moisture Content	IS : 11721: 2013	0.1 % to 10 %
191.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Paneer / Chenna	Total Ash	IS : 10484: 1983	0.01 % to 10 %
192.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Paneer/ Chenna	Fat	IS : 10484: 1983	1 % to 80 %
193.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Paneer/ Chenna	Moisture	IS : 10484: 1983	10 % to 90 %
194.	CHEMICAL/ FOOD &	Paneer/ Chenna	Titratable Acidity	IS : 10484: 1983	0.01 % to 5 %

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Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **27 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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--------	--------------------	------------------------------	--	--	--

195.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cheese	Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.041: 2022	1.0 % to 80.0 %
196.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cheese	Fat	IS : 2785: 1979	1.0 % to 50.0 %
197.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cheese	Moisture	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.039: 2022	10.0 % to 75.0 %
198.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cheese	Moisture	IS : 2785 : 1979	10.0 % to 90.0 %
199.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cheese	Salt (Added Sodium Chloride)	IS : 2785: 1979	0.01 % to 5.0 %
200.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Adulteration (Detection of Starch in Paneer/ Chhena)	IS : 10484: 1983	Qualitative :Present / Absent
201.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Condensed Milk	Protein	IS : 1166: 1986	1.0 % to 50.0 %
202.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cream	Adulteration (Detection of Presence of Thickeners in Cream)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.031: 2022	Qualitative :Present / Absent

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 28 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
203.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cream	Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.030: 2022	10.0 % to 60.0 %
204.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cream	Moisture	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.039: 2022	0.1 % to 20.0 %
205.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cream& Cream Powder	Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS: 2016	10.0 % to 60.0 %
206.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cream& Cream Powder	Moisture	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS: 2016	0.1 % to 20.0 %
207.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cream& Cream Powder	Protein	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS: 2016	1.0 % to 50.0 %
208.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Adulteration (Detection of Added Salt)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS: 2016	Qualitative :Present / Absent
209.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS: 2016	1.0 % to 50.0 %
210.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Milk Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS: 2016	1.0 % to 80.0 %
211.	CHEMICAL/ FOOD &	Ice Cream	Protein	FSSAI MANUAL FOR MILK & DAIRY	10.0 % to 70.0 %

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **29 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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212.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Sucrose	PRODUCTS: 2016 IS : 2802 - Appendix E: 2009	1.0 % to 20.0 %
213.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Titratable Acidity as Lactic Acid	IS : 2802 – Appendix D: 2009	0.001 % to 1.0 %
214.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Total Solid	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.046: 2022	20.0 % to 80.0 %
215.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Weight per Unit Volume	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.047: 2022	300.0 g/litre to 990.0 g/litre
216.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoya	Adulteration (Detection of Starch in Khoya)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.074: 2022	Qualitative :Present / Absent
217.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Khoya	Adulteration (Detection of Sucrose in Khoya)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.075: 2022	Qualitative :Present / Absent
218.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/	Adulteration (Detection of Alkaline Phosphatase in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.021: 2022	Qualitative :Present / Absent

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **30 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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--------	--------------------	------------------------------	--	--	--

		Sweetened/ Full cream/Skimmed/ Evaporated/Sweetened Condensed			
219.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Alkaline Phosphatase in Milk)	IS : 1479 (Part - I): 1960	Qualitative :Present / Absent
220.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Boric Acid & Borate in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.018: 2022	Qualitative :Present / Absent
221.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated	Adulteration (Detection of Boric Acid & Borate in Milk)	IS : 1479 (Part - I): 1961	Qualitative :Present / Absent

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Testing and Calibration Laboratories**
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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **31 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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222.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Condensed Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Formaldehyde in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.016: 2022	Qualitative :Present / Absent
223.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Formaldehyde in Milk)	IS : 1479 (Part - I): 1961	Qualitative :Present / Absent
224.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Glucose in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.008: 2022	Qualitative Present/absent
225.	CHEMICAL/ FOOD & AGRICULTURAL	Liquid Milk: Raw/Sterilized/ Pasteurized	Adulteration (Detection of Glucose in Milk)	IS : 1479 (Part - I): 1961	Qualitative Present/absent

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 32 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

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	PRODUCTS	Toned/ Standardized/ Recombined/ Condense cream/ Skimmed/ Evaporated Condensed			
226.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Hypochlorite & Chloramines in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.013: 2022	Qualitative Present/absent
227.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Hypochlorite & Chloramines in Milk)	IS : 1479 (Part - I): 1960	Qualitative Present/Absent
228.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/	Adulteration (Detection of Maltodextrin in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.020: 2022	Qualitative Present/Absent

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 33 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

		Condense cream/Skimmed/ Evaporated Condensed			
229.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Maltodextrin in Milk)	IS : 1479 (Part - I): 1960	Qualitative Present/ Absent
230.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Salicylic Acid in Milk)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.019: 2022	Qualitative Present/ Absent
231.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Salicylic Acid in Milk)	IS : 1479 (Part - I): 1960	Qualitative Present/ Absent

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **34 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
232.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Skimmed Milk Powder Addition in Species Identified Milk & Mixed Milk	IS : 1479 (Part - I): 1960	Qualitative Present/ Absent
233.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Detection of Skimmed Milk Powder Addition in Species Identified Milk & Mixed Milk	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.023: 2022	Qualitative Present/ Absent
234.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Presence of Alcohol)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
235.	CHEMICAL/ FOOD & AGRICULTURAL	Liquid Milk: Raw/Sterilized/ Pasteurized	Adulteration (Presence of Ammonia)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent

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Testing and Calibration Laboratories**
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Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **35 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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	PRODUCTS	Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed			
236.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Presence of Cane Sugar)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
237.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense cream/Skimmed/ Evaporated Condensed	Adulteration (Presence of Cellulose)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
238.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized Toned/ Standardized/ Recombined/ Condense	Adulteration (Presence of Detergent)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent

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Testing and Calibration Laboratories
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SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 36 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

		cream/Skimmed/ Evaporated Condensed			
239.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Fullcream/ Skimmed/ Evaporated/ Sweetened Condensed	Adulteration (Presence of Hydrogen Peroxide)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
240.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	Adulteration (Presence of Neutralizer)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
241.	CHEMICAL/ FOOD & AGRICULTURAL	Liquid Milk: Raw/Sterilized/ Pasteurized/	Adulteration (Presence of Nitrates)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent

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Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **37 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	PRODUCTS	Flavored/ Toned/Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed			
242.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	Adulteration (Presence of Sodium Chloride)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
243.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/	Adulteration (Presence of Starch)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **38 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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		Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed			
244.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	Adulteration (Presence of Urea)	IS : 1479 (Part - II): 1961	Qualitative Present/ Absent
245.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/S weetened	Ash	IS : 1479 (Part - II): 1961	0.01 % to 10 %

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**National Accreditation Board for
Testing and Calibration Laboratories
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Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 39 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

246.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Condensed Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	Fat	IS : 1224 (Part -II): 1977	0.1 % to 10 %
247.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	Fat	IS : 1479 (Part - II): 1961	0.1 % to 10 %
248.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/	Milk Protein	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.054: 2022	10.0 % to 50.0 %

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Testing and Calibration Laboratories**
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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 40 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

		Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed			
249.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	pH	IS : 1479 (Part - II): 1961	2 to 12
250.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/	SNF (Solid Not Fat)	IS : 1479 (Part - II): 1961	0.1 % to 20 %

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**National Accreditation Board for
Testing and Calibration Laboratories
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Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 41 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

		Evaporated/ Sweetened Condensed			
251.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	Total Solid	IS : 1479 (Part - II): 1961	0.1 % to 30 %
252.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/ Pasteurized/ Flavored/Toned/ Double Toned/ Standardized/ Recombined/ Condensed/ Sweetened/ Full cream/ Skimmed/ Evaporated/ Sweetened Condensed	True Protein		0.1 % to 5 %
253.	CHEMICAL/ FOOD & AGRICULTURAL	Skimmed/ Evaporated / Dried Milk	Acid Insoluble Ash in Dilute HCl	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS	0.001 % to 5.0 %

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **42 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

254.	PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Powder Skimmed/ Evaporated / Dried Milk Powder	Acid Insoluble Ash in Dilute HCl	- FSSAI 01.065: 2022 IS : 13334 (Part - I): 1998	0.001 % to 5.0 %
255.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed/ Evaporated / Dried Milk Powder	Carbohydrate (By Difference)	IS : 13334 (Part - I): 1998	10.0 % to 80.0 %
256.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Carbohydrate (By Difference)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.067: 2022	10.0 % to 80.0 %
257.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.057: 2022	0.05 % to 10.0 %
258.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Fat	IS : 13334 (Part - I): 1998	0.05 % to 5.0 %
259.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Insolubility Index	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.068: 2022	0.01 % to 10.0 %
260.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Protein	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.062: 2022	1.0 % to 50.0 %
261.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Protein	IS : 13334 (Part - I): 1998	0.1 % to 50.0 %

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**National Accreditation Board for
Testing and Calibration Laboratories**
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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **43 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
262.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Scorched Particle	IS : 13334 (Part - I): 1998	1.0 % to 20.0 %
263.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Scorched Particle	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.070: 2022	0.1 % to 20.0 %
264.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Solubility Index	IS : 13334 (Part - I): 1999	0.5 ml to 5.0 ml
265.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Titratable Acidity	IS : 13334 (Part - I): 1999	0.01 % to 5.0 %
266.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Titratable Acidity	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.059: 2022	0.01 % to 5.0 %
267.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Total Solid (Milk Solid with Added Salt)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.053: 2022	80.0 % to 99.99 %
268.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Acid Insoluble Ash in Dilute HCl	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.0FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.06565: 2022	0.001 % to 5.0 %
269.	CHEMICAL/ FOOD & AGRICULTURAL	Whole Milk Powder	Acid Insoluble Ash in Dilute HCl	IS : 13334 (Part - I): 1998	0.001 % to 5.0 %

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **44 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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PRODUCTS					
270.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Carbohydrate (By Difference)	IS : 13334 (Part - I): 1998	10.0 % to 60.0 %
271.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Carbohydrate (By Difference)	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.067: 2022	10.0 % to 60.0 %
272.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Fat	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.057: 2022	10.0 % to 80.0 %
273.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Insolubility Index	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.068: 2022	0.5 % to 5.0 %
274.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Protein	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.062: 2022	10.0 % to 50.0 %
275.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Protein	IS : 13334 (Part - I): 2022	10.0 % to 50.0 %
276.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Solubility Index	IS : 13334 (Part - I): 1998	0.5 ml to 5.0 ml
277.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titratable Acidity	IS : 13334 (Part - I): 2022	0.01 % to 5.0 %

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **45 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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278.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titratable Acidity	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.059: 2022	0.01 % to 5.0 %
279.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Total Solid	FSSAI MANUAL FOR MILK & DAIRY PRODUCTS - FSSAI 01.059: 2022	80.0 % to 99.99 %
280.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Acid Insoluble Matter	IS : 253: 1985	0.001 % to 3 %
281.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Alkalinity as Na ₂ CO ₃	IS : 253: 1985	0.01 % to 10 %
282.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Chloride Content	IS : 253: 1985	1 % to 98 %
283.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Iodine as I	IS : 7224: 2006	0.01 ppm to 99 ppm
284.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Matter soluble in water other than NaCl	IS : 253: 1985	0.1 % to 70 %
285.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Moisture Content	IS : 253: 1985	0.01 % to 50 %
286.	CHEMICAL/ FOOD &	Edible Common Salt	Sulphate	IS : 253: 1985	0.01 % to 10 %

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**National Accreditation Board for
Testing and Calibration Laboratories**
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Food Safety and Standards Authority of India
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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **46 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

287.	AGRICULTURAL PRODUCTS	Edible Common Salt	Water Insoluble Matter	IS : 253: 1985	0.001 % to 10 %
288.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Water Soluble Calcium	IS : 253: 1985	0.001 % to 5 %
289.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Water Soluble Magnesium	IS : 253: 1985	0.001 % to 5 %
290.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Acid Insoluble Ash	IS : 15279: 2003	0.001 % to 25 %
291.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Ash on Drying	IS : 15279: 2003	0.001 % to 60 %
292.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Reducing Sugar	IS : 15279: 2003	0.01 % to 70 %
293.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Sucrose	IS : 15279: 2003	0.01 % to 95 %
294.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Sulphated Ash	IS : 15279: 2003	0.001 % to 25 %

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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **47 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
295.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Total Ash	IS : 15279: 2003	0.01 % to 25 %
296.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Sugar	Total Protein	IS : 7219: 1973	0.01 % to 30 %
297.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	% Retained by Sieve	IS : 15279: 2003	50.0 % to 100.0 %
298.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Colour	IS : 15279: 2003	Qualitative :White/ Pale White/ Cream/ Off White
299.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Colour in ICUMSA Nits	IS : 15279: 2003	30 IU to 200 IU
300.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Extraneous Matter	IS : 15279: 2003	0.001 % to 1.0 %
301.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Granulation	IS : 15279: 2003	Qualitative :Fine / Crystalline
302.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Iron Filing	IS : 15279: 2003	Qualitative :Present / Absent
303.	CHEMICAL/ FOOD &	White Sugar	Moisture	IS : 15279: 2003	0.001 % to 5.0 %

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

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Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **48 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

304.	AGRICULTURAL PRODUCTS CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Reducing Sugar	IS : 15279: 2003	0.001 % to 1.0 %
305.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sediments	IS : 15279: 2003	Qualitative :Present / Absent
306.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sme I	IS : 15279: 2003	Qualitative :Free from any Sme I / Disagreeable Sme I
307.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Solubility	IS : 15279: 2003	Qualitative :Soluble / Insoluble
308.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sucrose	IS : 15279: 2003	80.0 % to 100.0 %
309.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sulphur Dioxide as SO ₂	IS : 15279: 2003	1.0 mg/Kg to 50.0 mg/Kg
310.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice	Iron	FSSAI MANUAL : Method for Determination of Iron in Fortified Rice - FSSAI.FR.16.001. 2022 (Annexure - I): 2022	0.05 mg/Kg to 50.0 mg/Kg

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SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 49 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
311.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice	Vitamin B12 as Cyanocobalamin	FSSAI MANUAL : Method for Determination of Cyanocobalamin (B12) in Fortified Rice FSSAI.FR.16.003. 2022 (Annexure - III): 2022	0.5 microg/Kg to 20.0 microg/Kg
312.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice	Vitamin B9 as Folic Acid	FSSAI MANUAL : Method for Determination of Folic Acid (Vitamin B9) in Fortified Rice - FSSAI.FR.16.002. 2022 (Annexure - II): 2022	2.0 microg/Kg to 200.0 microg/Kg
313.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Admixture	IS : 4333 (Part - 1): 2012	Qualitative :Present / Absent
314.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Average Grain Breadth	ST/STP/PHYSICAL ANALYSIS/FRK/BRE 2022	0.01 mm to 10.0 mm ADTH:
315.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Average Grain Length	ST/STP/PHYSICAL ANALYSIS/FRK/LEN 2022	GOT.0H1: mm to 10.0 mm
316.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Average Grain Length	ST/STP/PHYSICAL ANALYSIS/FRK/LEN 2022	0.01 mm to 10.0 mm GTH:
317.	CHEMICAL/ NUTRACEUTICALS	Fortified Rice Kernels (FRK)	Average Grain Length	ST/STP/PHYSICAL ANALYSIS/FRK/LEN	GOT.0H1: mm to 10.0 mm

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Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **50 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

318.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Broken Fortified Rice Kernels	IS : 4333 (Part - 1): 2012	0.01 % to 10.0 %
319.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Chalky Grains	IS : 4333 (Part - 1): 2012	Qualitative :Present / Absent
320.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Colour	ST/STP/PHYSICAL ANALYSIS/FRK/CO 2022	Qualitative :White/ Of LowHrite:/ Brown / Black/ Other than White
321.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Damaged Grains	IS : 4333 (Part - 1): 2012	Qualitative :Present / Absent
322.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Discoloured Grains	IS : 4333 (Part - 1): 2012	Qualitative :Present / Absent
323.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Foreign Matter (Organic & Inorganic)	IS : 17782 - Annex A: 2021	0.0001 % to 10.0 %
324.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Iron	FSSAI MANUAL : Method for Determination of Iron in Fortified Rice - FSSAI.FR.16.004.202 2023	50.0 mg/100g to 500.0 mg/100g
325.	CHEMICAL/ NUTRACEUTICALS	Fortified Rice Kernels (FRK)	Kernel Count	IS : 4333 (Part - 4): 2017	0.1 g to 100.0 g

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **51 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

326.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Moisture Content as MC	IS : 4333 (Part - 2): 2002	0.1 % to 25.0 %
327.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Shape	ST/STP/PHYSICAL ANALYSIS/FRK/SHA 2022	Qualitative : (Resembling to / Not PE: Resembling to) Normal Miled Rice Drains
328.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin A as Retinol	ST/STP/VITAMIN/A: 2022	1.0 mg/Kg to 100.0 mg/Kg
329.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin B1 as Thiamine	ST/STP/VITAMIN/B1 2022	: 1.0 mg/Kg to 100.0 mg/Kg
330.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin B12 as Cyanocobalamin	FSSAI MANUAL : Method for Determination of Cyanocobalamin (B12) in Fortified Rice - FSSAI.FR.16.006.202 2023	0.5 microg/Kg to 20.0 microg/Kg
331.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin B2 as Riboflavin	ST/STP/VITAMIN/B2 2022	: 1.0 mg/Kg to 500.0 mg/Kg

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 52 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
332.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin B3 as Niacin	ST/STP/VITAMIN/B3 2022	: 1.0 mg/Kg to 100.0 mg/Kg
333.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin B6 as Pyridoxine	ST/STP/VITAMIN/B6 2022	: 1.0 mg/Kg to 100.0 mg/Kg
334.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Vitamin B9 as Folic Acid	FSSAI MANUAL : Method for Determination of Folic Acid (B9) in Fortified Rice - FSSAI.FR.16.005.202 2023: 2023	2.0 microg/Kg to 40.0 microg/Kg
335.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Fortified Rice Kernels (FRK)	Zinc	AOAC - 984.27 (50.1.15) - 25 th Edition -Volume II: 2016	0.1 mg/Kg to 50.0 mg/Kg
336.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Chlorine Content as NaCl (on Dry Basis)	IS : 253 - A5: 2020	10.0 % to 100.0 %
337.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Iodine Content as I	IS : 16232 - Annex B: 2020	10.0 mg/Kg to 90.0 mg/Kg
338.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Iron Content as Fe	IS : 16232 - Annex A: 2020	200.0 mg/Kg to 1500.0 mg/Kg

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 53 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
339.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Magnesium (Water Soluble)	IS : 253- Annex A7: 2020	0.001 % to 2.0 %
340.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Matter Insoluble in Dilute HCl (on Dry Basis)	IS253 - Annex A6: 2020	0.01 % to 5.0 %
341.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Matter Soluble in Water other than Sodium Chloride (on Dry Basis)	IS : 253 - Annex A6: 2020	0.01 % to 5.0 %
342.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Moisture	IS : 7224 - Annex A: 2006	0.01 % to 5.0 %
343.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	pH	IS : 16232 - Annex C: 2020	0.01to 14.0
344.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Phosphorus as P2O5 (on Dry Basis)	IS : 16232 - Annex D: 2020	1000.0 mg/Kg to 5000.0 mg/Kg
345.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food	Sodium Hexa meta Phosphate (on Dry Basis)	IS : 16232 - Annex E: 2020	0.001 % to 2.0 %

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **54 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

S. No.	Discipline / Group	Grade			
346.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Sulphate as SO ₄	IS : 253 - Annex A8: 2020	0.001 % to 10.0 %
347.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Iron Fortified Iodized Salt (Double Fortified Salt) - Food Grade	Water Insoluble Matter	IS : 253 Annex A4: 2020	0.01 % to 5.0 %
348.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Micronized Ferric pyrophosphate as Total Iron	FSSAI MANUAL : Method for Determination of Iron in Premix - FSSAI.FR.16.008.202 2023	200.0 mg/100g to 5000.0 mg/100g
349.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Moisture Content	IS : 16072 : 2012	0.1 % to 25.0 %
350.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Particle Size of Micronized Ferric pyrophosphate (D90 particles)	IS : 5282: 1969	0.01 micron to 5.0 micron
351.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice	Vitamin A as Retinol	ST/STP/VITAMIN/A: 2022	1000.0 microg/100g to 9000.0 microg/100g

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **55 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

352.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Kernels Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Vitamin B1 as Thiamine	ST/STP/VITAMIN/B1 2022	: 10.0 mg/100g to 1000.0 mg/100g
353.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Vitamin B12 as Cyanocobalamin	FSSAI MANUAL : Method for Determination of Cyanocobalamin (as Vitamin B12) in Premix -FSSAI.FR.16.010.202 2023	10.0 microg/100g to 100.0 microg/100g
354.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Vitamin B2 as Riboflavin	ST/STP/VITAMIN/B2 2022	10.0 mg/100 g to 1000.0 mg/100 g
355.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Vitamin B3 as Niacin	ST/STP/VITAMIN/B3 2022	10.0 mg/100g to 1000.0 mg/100g
356.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Vitamin B6 as Pyridoxine	ST/STP/VITAMIN/B6 2022	: 10.0 mg/100g to 1000.0 mg/100g
357.	CHEMICAL/ NUTRACEUTICALS	Vitamins & Minerals Premix	Vitamin B9 as Folic Acid	FSSAI MANUAL : Method for	100.0 microg/100g to 5000.0

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **56 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	& FUNCTIONAL FOODS	for Manufacturing Fortified Rice Kernels		Determination of Folic Acid (as Vitamin B9) in Premix - FSSAI.FR.16.009.202 2023	microg/100g
358.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vitamins & Minerals Premix for Manufacturing Fortified Rice Kernels	Zinc Oxide as ZnO	AOAC - 984.27 (50.1.15) - 20 th Edition -Volume II: 2016	1.0 mg/Kg to 1000.0 mg/Kg
359.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Edible Salt - Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Arsenic as As	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.001 ppm to 10.0 ppm
360.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Edible Salt - Iodized Salt, Vacuum Evaporated Iodized Salt and Refined Iodized Salt	Lead as Pb	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.001 ppm to 10.0 ppm
361.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Indian Curry Powder	Arsenic as As	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	Qualitative :Present / Absent (Nil)
362.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Indian Curry Powder	Cadmium as Cd	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	Qualitative :Present / Absent (Nil)

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 57 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
363.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Indian Curry Powder	Lead as Pb	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 ppm to 30.0 ppm
364.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Mustard Oil	Arsenic as As	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
365.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Mustard Oil	Cadmium as Cd	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
366.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Mustard Oil	Lead as Pb	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
367.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Mustard Oil	Mercury as Hg	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
368.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Olive Oil	Arsenic ac As	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
369.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Olive Oil	Cadmium as Cd	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
370.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Olive Oil	Lead as Pb	AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
371.	CHEMICAL/ NUTRACEUTICALS	Olive Oil	Mercury as Hg	AOAC - 2015.01 (9 .242)-20th Edition -	0.01 mg/Kg to 5.0 mg/Kg

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **58 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

372.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Turmeric (Whole & Powder)	Arsenic as As	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.001 ppm to 1.0 ppm
373.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Turmeric (Whole & Powder)	Cadmium as Cd	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.001 ppm to 10.0 ppm
374.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Turmeric (Whole & Powder)	Copper as Cu	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 ppm to 10.0 ppm
375.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Turmeric (Whole & Powder)	Lead as Pb	Volume I: 2016 AOAC - 2015.01 (9 .242) - 20th Edition - Volume I: 2016	0.01 ppm to 30.0 ppm
376.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Turmeric (Whole & Powder)	Tin as Sn	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	Qualitative :Present / Absent (Nil)
377.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Turmeric (Whole & Powder)	Zinc as Zn	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.1 ppm to 50.0 ppm
378.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vegetable Oils	Arsenic ac As	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
379.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vegetable Oils	Cadmium as Cd	Volume I: 2016 AOAC - 2015.01 (9 .242)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **59 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
380.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vegetable Oils	Lead as Pb	AOAC - 2015.01 (9.2.42)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
381.	CHEMICAL/ NUTRACEUTICALS & FUNCTIONAL FOODS	Vegetable Oils	Mercury as Hg	AOAC - 2015.01 (9.2.42)-20th Edition - Volume I: 2016	0.01 mg/Kg to 5.0 mg/Kg
382.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Bromodichloromethane	APHA - 6232: 2017	0.001 mg/l to 0.1 mg/l
383.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Bromoform	APHA - 6232: 2017	0.001 mg/l to 1.0 mg/l
384.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Chloroform	APHA - 6232: 2017	0.001 mg/l to 1.0 mg/l
385.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Dibromochloromethane	APHA - 6232: 2017	0.001 mg/l to 1.0 mg/l
386.	CHEMICAL/ RESIDUES AND	Packaged Drinking Water,	2,4 - Dichlorophenol Acetic acid (2,4 - D)	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 50.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 60 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	CONTAMINANTS IN WATER	Drinking Water, Surface Water & Water from Purifier			
387.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Alachor	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 50.0 microg/l
388.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Aldrin/ Dieldrin	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
389.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Alpha HCH	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
390.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Atrazine	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 50.0 microg/l
391.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Beta HCH	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **61 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
392.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Butachlor	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 200 microg/l
393.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Chloropyriphos	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 50.0 microg/l
394.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	DDT (o, p and p, p isomers of DDT, DDE and DDD)	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
395.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Delta HCH	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
396.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Endosulfan (alpha, beta & Sulphate)	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
397.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water &	Ethion	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **62 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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398.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Water from Purifier Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Gamma HCH	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
399.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Isoproturon	ST/STP/CHEM/PR/01: 2022	0.001 microg/l to 50.0 microg/l
400.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Malathion	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 300.0 microg/l
401.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Methyl Parathion	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 50.0 microg/l
402.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Monocrotophos	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 50.0 microg/l
403.	CHEMICAL/ RESIDUES AND	Packaged Drinking Water,	Phorate	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **63 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	CONTAMINANTS IN WATER	Drinking Water, Surface Water & Water from Purifiers			
404.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Industrial Water - Water used in Processed Food Industry	Phenolic Compound as C6H5OH	IS : 3025 (Part - 43) Clause 6 - 4 Aminoantipyrine Method: 1992	Qualitative :Present / Absent
405.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Phenolic Compound as C6H5OH	IS : 3025 (Part - 43), Clause 6 - 4 Aminoantipyrine Method: 1992	0.0001 mg/l to 1.0 mg/l
406.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2 - Chlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
407.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2,2,3,3,4,4,5,5 - Octachlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
408.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2,2,3,3,6,6 - Hexachlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
409.	CHEMICAL/ RESIDUES AND	Packaged Drinking Water,	2,2,3,4,5,5,6 - Heptachlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **64 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	CONTAMINANTS IN WATER	Drinking Water, Surface Water & Water from Purifier			
410.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2,2,3,5,6 - Pentachlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
411.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2,2,4,4 - Tetrachlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
412.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2,4,5 - Trichlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
413.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	2.2.3.3.4.4.5.5.6 - Nanochlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
414.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	3,3 - Dichlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 65 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
415.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Decachlorobiphenyl	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
416.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Acenaphthylene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
417.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Acenaphthene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
418.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Anthracene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
419.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Benzo (B) Fluoranthene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
420.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water &	Benzo (B) Fluoranthene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **66 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

421.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Water from Purifier Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Benzo (G,H,I) Perylene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
422.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Benzo (K) Fluoranthene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
423.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Benzo(A) Anthracene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
424.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Benzo(A) Pyrene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
425.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Chrysene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
426.	CHEMICAL/ RESIDUES AND	Packaged Drinking Water,	Dibenz (A,H) Anthracene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **67 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	CONTAMINANTS IN WATER	Drinking Water, Surface Water & Water from Purifier			
427.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Fluoranthene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
428.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Fluorene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
429.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Indeno (1,2,3 - CD) Pyrene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
430.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Naphthalene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
431.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking water, Drinking Water, Surface Water & Water from Purifier	Phenanthrene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 68 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
432.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Pyrene	ST/STP/CHEM/PR/01: 2022	0.01 microg/l to 100.0 microg/l
433.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Aluminium as Al	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
434.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Antimony as Sb	IS : 3025 (Part -65): 2022	0.0001 mg/l to 1.0 mg/l
435.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Arsenic as As	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
436.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Barium as Ba	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
437.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water &	Boron as B	IS : 3025 (Part -65): 2022	0.0001 mg/l to 1.0 mg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **69 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

438.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Water from Purifier Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Cadmium as Cd	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
439.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Chromium as Cr	IS : 3025 (Part -65): 2022	0.0001 mg/l to 1.0 mg/l
440.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Copper as Cu	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
441.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Cyanide	ST/STP/WATER/CYA 2022	NID0.E0:001 mg/l to 1.0
442.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Iron as Fe	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
443.	CHEMICAL/ RESIDUES AND	Packaged Drinking Water,	Lead as Pb	IS: 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Ranchi, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 70 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

	CONTAMINANTS IN WATER	Drinking Water, Surface Water & Water from Purifier			
444.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Manganese as Mn	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
445.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Mercury as Hg	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
446.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Molybdenum as Mo	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
447.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Nickel as Ni	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
448.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Selenium as Se	IS : 3025 (Part - 65):2022	0.0001 mg/l to 1.0 mg/l

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 71 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
449.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Silver as Ag	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
450.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Uranium as U	IS : 3025 (Part - 65): 2022	0.0001 mg/l to 1.0 mg/l
451.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Zinc as Zn	IS : 3025 (Part - II): 2004	0.01 mg/l to 20 mg/l
452.	CHEMICAL/ WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Ammonical Nitrogen	IS : 3025 (Part - 34) – Titrimetric Method: 1988	0.01 mg/l to 5.0 mg/l
453.	CHEMICAL/ WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Anionic Surfactants as MBAS	IS : 13428 - Annexure-K: 2005	0.1 mg/l to 5.0 mg/l
454.	CHEMICAL/ WATER	Packaged Drinking Water, Drinking Water, Surface Water &	Borate as B	IS : 3025 Part - II): 2004	0.1 mg/l to 10 mg/l

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Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **72 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

455.	CHEMICAL/WATER	Water from Purifier Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Calcium	IS : 3025 (Part - 40):1991	0.1 mg/l to 500 mg/l
456.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Chloramines as Cl2	IS : 3025 (Part - 26) – ANNEX - A (Clause - 6.1): 2021	0.1 mg/l to 5.0 mg/l
457.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Fluoride	IS : 3025 (Part - 60): 2008	0.1 mg/l to 10 mg/l
458.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Free Residual Chlorine	IS : 3025 (Part - 26) Clause - 3(Idometric Method): 2021	0.1 mg/l to 10.0 mg/l
459.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Magnesium as Mg	IS : 3025 (Part - 46): 1994	0.1 mg/l to 200 mg/l
460.	CHEMICAL/WATER	Packaged Drinking Water,	Manganese as Mn	IS : 3025 (Part - II): 2004	0.001 mg/l to 5.0 mg/l

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**National Accreditation Board for
Testing and Calibration Laboratories**
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **73 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
--------	--------------------	------------------------------	--	--	--

		Drinking Water, Surface Water & Water from Purifier			
461.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Mineral Oil	FSSAI Manual of Methods of Analysis of Foods - Water (Clause - 20): 2016	0.05 mg/l to 100.0 mg/l
462.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Mineral Oil	IS : 3025 (Part - 39) Clause - 6: 1991	Qualitative :Present / Absent
463.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Nitrate	IS : 3025 (Part - 34) – Deverda Method : 1988	1.0 mg/l to 50.0 mg/l
464.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Odour	IS : 3025 (Part - 5): 1983	Qualitative
465.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Odour	IS : 3025 (Part - 5): 1983	Qualitative :Agreeable/ Not Agreeable

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**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 74 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
466.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	pH	IS : 3025 (Part - 11): 2002	1to 14
467.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	pH	IS : 3025 (Part - 11): 2002	2to 12
468.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Potassium	IS : 3025 (Part - 45): 1993	0.1 mg/l to 90 mg/l
469.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Silica	IS : 3025 (Part - 35): 1988	0.1 mg/l to 80 mg/l
470.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Sodium	IS : 3025 (Part - 45): 1993	0.1 mg/l to 500 mg/l
471.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water &	Sodium	IS : 3025 (Part - 45) Clause 5 - Flame Photometric analysis: 1993	1.0 mg/l to 800.0 mg/l

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Food Safety and Standards Authority of India
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SCOPE OF ACCREDITATION

Laboratory Name **Sun Tech, 40-P, Tupudana Industrial Area, Hatia, Jharkhand**

Accreditation Standard **ISO/IEC 17025: 2017**

Certificate No. **TC-5432 (Integrated)** **Page No.** **75 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

S. No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
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472.	CHEMICAL/WATER	Water from Purifier	Specific Conductance	IS : 3025 (Part - 14): 1984	0.001 micro s/cm to 2000 Å micro s/cm
473.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Taste	IS : 3025 (Part - 8): 1984	Qualitative :Agreeable/ Not Agreeable
474.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Taste	IS : 3025 (Part - 8): 1984	Qualitative :Agreeable/ Not Agreeable
475.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Total Residue (Total Solids - Dissolved & Suspended)	IS : 3025 (Part - 15): 1984	1 mg/l to 5000 mg/l
476.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Turbidity	IS : 3025 (Part - 10): 1984	1 NTU to 500 NTU

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Certificate No. **TC-5432 (Integrated)** **Page No.** **76 of 79**

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477.	CHEMICAL/WATER	Packaged Drinking Water, Drinking Water, Surface Water & Water from Purifier	Turbidity	IS : 3025 (Part - 10): 1984	1 NTU to 500 NTU
478.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Acidity	IS : 3025 (Part - 22): 1986	0.5 ml to 50 ml
479.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Alkalinity	IS : 3025 (Part - 23): 1986	0.5 mg/l to 800 mg/l
480.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Bromide	IS : 3025 (Part - 30): 1988	0.1 mg/l to 100 mg/l
481.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Chloride	IS : 3025 (Part - 32): 1988	0.1 mg/l to 1000 mg/l
482.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water &	Chlorine Demand	IS : 3025 (Part - 25): 1986	0.2 mg/l to 200 mg/l

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Certificate No. **TC-5432 (Integrated)** **Page No.** **77 of 79**

Validity **31.03.2024 to 30.03.2026** **Last Amended on** **21.08.2024**

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483.	CHEMICAL/WATER	Water from Purifier Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Filterable Residue (Total Dissolved Solid)	IS : 3025 (Part - 16): 1984	1 mg/l to 5000 mg/l
484.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Iodide	IS : 3025 (Part - 33): 2003	0.01 mg/l to 200 mg/l
485.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Nitrite	IS : 3025 (Part - 34): 1988	0.01 mg/l to 200 mg/l
486.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Non - Filterable Residue (Total Suspended Solids)	IS : 3025 (Part - 17): 1984	1 mg/l to 5000 mg/l
487.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Phosphorus as P	IS : 3025 (Part - 31): 1988	0.1 mg/l to 200 mg/l

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Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-5432 (Integrated) **Page No.** 78 of 79

Validity 31.03.2024 to 30.03.2026 **Last Amended on** 21.08.2024

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488.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Phosphorus as P	IS : 3025 (Part - 31): 1988	0.1 mg/l to 200 mg/l
489.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Settleable Matter	IS : 3025 (Part - 19): 1984	0.1 mg/l to 500 mg/l
490.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Sulphate	IS : 3025 (Part - 24): 1986	0.1 mg/l to 800 mg/l
491.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Sulphite	IS : 3025 (Part - 28):1986	0.1 mg/l to 100 mg/l
492.	CHEMICAL/WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Total Hardness	IS : 3025 (Part - 21):1983	0.1 mg/l to 1000 mg/l

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Certificate No. **TC-5432 (Integrated)** Page No. **79 of 79**

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493.	CHEMICAL/ WATER	Packaged Drinking Water, Ground Water, Surface Water & Water from Purifier	Volatile & Fixed Residue (Total, Filterable & Non - Filterable)	IS : 3025 (Part - 18):	1 mg/l to 5000 mg/l

*NOTE: The Laboratory has demonstrated competence for the stated scope for **WATER**. This however **does not fully cover** the specification requirements of **BIS for the Packaged Drinking Water as per IS:14543 and the Packaged Natural Mineral Water IS:13428.**