



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

**Laboratory** Geo-Chem Laboratories Pvt. Ltd., Pragati, Kanjur Marg (East), Mumbai, Maharashtra

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-7284 (in lieu of T-0570 & T-0370) **Page 95 of 504**

**Validity** 15.05.2018 to 14.05.2020 **Last Amended on** 18.05.2018

| Sl. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed                                                                                                                       | Range of Testing / Limits of Detection                                                                             |
|-----|----------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 24. | Starch & Starch Products   | Escherichia coli        | BAM 8 <sup>th</sup> Edition, Revision A, Chapter 4<br>IS 5887 (Part 1)                                                                                                            | 3 - 1100 MPN/g / ml<br>Qualitative (Presence/Absence/25 g /ml)<br>< 0.3 - 110 MPN/g / ml<br>≥ 1cfu/ml<br>≥ 10cfu/g |
|     |                            |                         | ISO 7251                                                                                                                                                                          | Qualitative (Presence/Absence/25 g /ml)<br>0.18 - >160 MPN/g/ml                                                    |
|     |                            |                         | ISO 16649-1                                                                                                                                                                       | ≥ 1cfu/ml<br>≥ 10cfu/g                                                                                             |
|     |                            |                         | ISO 16649-2                                                                                                                                                                       | ≥ 1cfu/ml<br>≥ 10cfu/g                                                                                             |
|     |                            |                         | ISO 16649-3                                                                                                                                                                       | MPN 0 - 160                                                                                                        |
|     |                            | Escherichia coli        | FSSAI manual on method of microbiological testing chapter 1                                                                                                                       | ≥ 10cfu/g<br>3 - >1100 MPN/g/ml                                                                                    |
|     |                            | Coliform Bacteria       | IS 5401 (Part 1)<br>ISO 4832<br>IS 5401 (Part 2)<br>ISO 4831<br>BAM 8 <sup>th</sup> Edition, Revision A, Chapter 4<br>FSSAI manual on method of microbiological testing chapter 1 | ≥ 1cfu/ml<br>≥ 10cfu/g<br>< 0.3 - 110 MPN/g / ml<br>≥ 1cfu/ml<br>≥ 10cfu/g<br>≥ 10cfu/g<br>3 - >1100 MPN/g/ml      |
|     |                            | Staphylococcus aureus   | IS 5887 (Part 2)<br>IS 5887(Part 8/Sec1)<br>ISO 6888-1                                                                                                                            | Qualitative (Presence/Absence/25 g /ml)<br>≥ 1cfu/ml<br>≥ 10cfu/g                                                  |

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