



# 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 272 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 |
|-----|----------------------------|------------------------------|------------------------------------------------------------------------|----------------------------------------|
|     |                            | Fattyacid                    | 66, AOCS Ce 1e – 91                                                    |                                        |
|     |                            | PolyUnsaturated Fatty Acid   | FSSAI Manual for Oil & fats:20.0 AOAC 969.33, 20 <sup>th</sup> Ed. BF3 | 0.1 % to 60.0 %                        |
|     |                            | Total Trans Fatty Acid       |                                                                        | 0.1 % to 5.0 %                         |
|     |                            | Cholesterol                  | AOAC 994.10 20th Edition                                               | 1.0mg/100gm to 500 mg/100gm            |
|     |                            | Carbohydrate(By Calculation) | AOAC Method for analysis for Nutrition Labeling                        | 0.1 % to 100 %                         |
|     |                            | Calories /Energy (By Calc)   |                                                                        | 1 kcal/100 g to 1000 kcal/100 g        |
|     |                            | Calories/Energy From Fat     |                                                                        | 1 kcal/100 g to 100 kcal/100 g         |
|     |                            | Vitamin C                    | IS 5838                                                                | 1.0mg/100gm to 20.0 mg/100gm           |
|     |                            | Nitrate                      | AOAC 20th Edition 993.03                                               | 20 mg/kg – 1000 mg/kg                  |
|     |                            | Nitrite                      | AOAC 20th Edition 973. 31                                              | 1mg/kg – 100 mg/kg                     |
|     |                            | Sodium Nitrate               | AOAC 20th Edition 993.03                                               | 20 mg/kg – 1000 mg/kg                  |
|     |                            | Sodium Nitrite               | AOAC 20th Edition 973. 31                                              | 1mg/kg – 100 mg/kg                     |
|     |                            | Total phosphorous P2O5/ PO4  | AOAC 20th Edition 995.11                                               | 0.05% – 2 %                            |
|     |                            | Ash                          | AOAC 20th Edition 920.153                                              | 0.05% – 5%                             |
|     |                            | pH                           | GCLPL/QS/CRA/5.4/92<br>Issue No.-1 Date: – 29/3/2014                   | 1 To 14                                |
|     |                            | Vitamin A                    | GCLPL/QS/CRA/5.4/112                                                   | 2.5mg/kg - 1000 mg/kg                  |
|     |                            | Vitamin D                    | Issue No:1 Issue Date :20-10-2017                                      | 50 µg/kg – 5000 µg/kg                  |
|     |                            | Vitamin E                    |                                                                        | 2.5mg/kg - 1000 mg/kg                  |
|     |                            | Vitamin B1                   |                                                                        | 0.25mg/kg - 5 mg/kg                    |
|     |                            | Vitamin B2                   |                                                                        |                                        |
|     |                            | Vitamin B3                   |                                                                        |                                        |
|     |                            | Vitamin B6                   |                                                                        |                                        |
|     |                            | Vitamin B12                  |                                                                        | 0.050mg/kg -5 mg/kg                    |

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