



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 185 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 |
|-----|----------------------------|--|---|--|
| | | Vitamin C | IS 5838 | 1.0 mg/100gm to 30.0 mg/100gm |
| | | Fatty Acid Profile | | |
| | | Saturated Fatty Acid | AOAC 996.06 20 th Edition | 0.1 % to 10.0 % |
| | | Mono Unsaturated Fatty Acid | IUPAC : 2.301 AOCS Ce 2 – 66 AOCS Ce 1e – 91 FSSAI Manual for Oil & fats:20.0 AOAC 969.33, 20 th Ed. BF3 | |
| | | Poly Unsaturated Fatty Acid | | 0.1 % to 30.0 % |
| | | Total Trans Fatty Acid | | 0.1 % to 60.0 % |
| | | Cholesterol | AOAC 994.10 20 th Edition | 0.1 % to 5.0 % |
| | | Carbohydrate(By Calculation) | AOAC Method for analysis for Nutrition Labeling | 1.0mg/100gm to 30.0 mg/100gm |
| | | Calories /Energy (By Calculation) | AOAC , Method for analysis for Nutrition Labeling | 0.1 % to 100 % |
| | | Calories/Energy From Fat | AOAC , Method for analysis for Nutrition Labeling | 1 kcal/100 g to 1000 kcal/100 g |
| 3. | Chewing Gum | Physical examination for moulds, living and dead insects, insect fragments and rodent contamination (hair, excreta) visible to the naked eye | IS 6747 | 1 kcal/100 g to 100 kcal/100 g |
| | | Benzoic Acid | FSSAI Manual for Food Additives – 2.2 & 2.4 | Qualitative (Present/Absent) |
| | | Sorbic Acid | FSSAI Manual for Food Additives – 2.5 | 1mg/kg - 1,500 mg/kg |
| | | | | 1mg/kg - 1,500 mg/kg |

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