



South Asia

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ULR-TC578718200001303P
Test Report No. GGN/F(C)/18/013353
Dated 2018-11-13

Issued To : Modicare Ltd.
5, Community Centre,
New Friends Colony,
New Delhi - 110025,
Delhi, India.

Attention : Mr. K.M. Agrawal,

Customer Ref. No. : Test Request Form,

Sample Particulars

Sample Name : Soul Flavours Pure Cow Ghee

Batch No. / Lot No. / Mfg. Date / Best Before Date : Batch No. A006 / Mfg. 03.2018 / Best Before 9 Months From Mfg.

Sample Package / Quantity : Trade Pack / 1 Kg

Sampled by : Customer

Sampling Location : Not Applicable

Sampling Protocol : Not Applicable

Sample Condition : Received in Good Condition

Date of Sample Receipt : Received on 2018-11-01

Date of Analysis : 2018-11-02

Date of Completion : 2018-11-12

Authorised By

Monika Gupta
Authorized Signatory

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link <http://www.tuv-sud.in/en-en/resource-centre/terms-and-conditions>

Note: The test report is electronically generated. Hence original signature is not required. For any technical query, please contact Monika Gupta at Monika.Gupta@tuv-sud.in and for any complaint please contact Kardam, Kanupriya at Kanupriya.Kardam@tuv-sud.in.

Note : (1) The results relate only to the items tested, (2) the test report shall not be reproduced except in full without the written approval of the laboratory,

Laboratory:
TUV SUD South Asia Pvt. Ltd.
Plot No.373, Udyog Vihar Phase-II,
Gurgaon-122016,Haryana.

Phone :0091 124 6199699
Fax :0091 124 6199599
E-Mail :Monika.gupta@tuv-sud.in
Url : www.tuv-sud.in
ControlNo:15390250.021118.001

Regd. Office:
TUV SUD South Asia Pvt. Ltd.
Off Saki Vihar Road, Saki
naka, Andheri (East),
Mumbai-400072. India

TUV®



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| S.NO. | PARAMETERS | TEST RESULT | SPECIFICATION | TEST METHOD |
|-------|---|--|---------------|----------------------------|
| | Chemical : | | | |
| 1 | Baudouin Test | Negative | Negative | FSSAI Manual of Methods |
| 2 | Butyro Refractometer Reading,@ 40°C | 41.43 | 40.0 to 44.0 | IS 548 (P1)-1964 RA 2015 |
| 3 | Free Fatty Acid as Oleic Acid,% by mass | 0.87 | 3 Max | IS 3508-1966 |
| 4 | Moisture,% by mass | 0.07 | 0.5 Max | IS 3508-1966 |
| 5 | Presence of Mineral Oil | Absent | Not Specified | IS 548 (P2)-1976 |
| 6 | Reichert Meissel Value | 28.94 | 26 Min | IS 548 (P1)- 1964 |
| | Aflatoxin . | | | |
| 7 | Aflatoxin M1..µg / kg | Not Detected (LOQ - 0.03 µg/kg) | Not Specified | LAB_P_SOP_235 |
| 8 | Test for Rancidity | Negative | Not Specified | IS 548 (P2)-1976 |
| 9* | Presence of Vegetable Oil and Fat | Absent | Not Specified | IS : 1479 (P1) - 1960 |
| | Analytical : | | | |
| | Pesticide Residues | | | |
| 10 | Lindane (gamma isomer of hexachlorocyclohexane (HCH)),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | Lab_P_SOP_266 |
| 11 | Pirimiphos-methyl,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.05 Max | Lab_P_SOP_266 |
| 12 | Chlordane (Residue to be measured as cis plus trans chlordane),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 13 | Heptachlor (Combined residues of heptachlor and its epoxide to be determined and expressed as Heptachlor),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 14 | Chlorienvinphos (Residues to be measured as alpha and beta isomers of chlorienvinphos),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.2 Max | LAB_P_SOP_266 |

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|-------|---|-------------------------------------|---------------|------------------------------|
| 15 | Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.5 Max | LAB_P_SOP_266 |
| 16 | Carbofuran (Sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 17 | Cypermethrin (Sum of isomers) (fat soluble residue),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 18 | Phorate (sum of phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.05 Max | Lab_P_SOP_266 |
| 19 | Melamine Content,mg/kg | Not Detected (LOQ - 0.1 mg/kg) | 2.5 Max. | Lab_P_SOP_112 / LC - MS / MS |
| | Pesticides Residues as per FSSR : | | | |
| 20 | 2, 4 – D,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.05 Max | LAB_P_SOP_266 |
| 21 | Benomyl,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.1 Max | LAB_P_SOP_266 |
| 22 | Carbendazim,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.1 Max | LAB_P_SOP_266 |
| 23 | Chlorpyrifos,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 24 | DDT (o,p & p,p-isomers of DDT, DDE & DDD),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.05 Max | LAB_P_SOP_266 |
| 25 | Edifenphos,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 26 | Fenitrothion,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |

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|-------|--|--|---------------|---------------|
| 27 | Fenthion (sum of fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as fenthion),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 28 | Fenvalerate (Fat Soluble Residue),mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 29 | Monocrotophos,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.02 Max | LAB_P_SOP_266 |
| 30 | Phenthoate,mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| 31 | Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin), mg/kg | Not Detected (LOQ - 0.01 mg/kg) * | 0.01 Max | LAB_P_SOP_266 |
| | Metals & Minerals : | | | |
| | Heavy Metals | | | |
| 32 | Lead as Pb,mg/kg | Below Limit of Quantification (LOQ - 0.02 mg/kg) | 0.02 Max. | LAB_P_SOP_221 |
| 33 | Copper as Cu,mg/kg | Below Limit of Quantification (LOQ - 1.0 mg/kg) | 30 Max. | LAB_P_SOP_221 |
| 34 | Arsenic as As,mg/kg | Below Limit of Quantification (LOQ - 0.1 mg/kg) | 1.1 Max. | LAB_P_SOP_221 |
| 35 | Tin as Sn,mg/kg | Below Limit of Quantification (LOQ - 5.0 mg/kg) | 250 Max. | LAB_P_SOP_221 |
| 36 | Cadmium as Cd,mg/kg | Below Limit of Quantification (LOQ - 0.1 mg/kg) | 1.5 Max. | LAB_P_SOP_221 |
| 37 | Mercury as Hg,mg/kg | Below Limit of Quantification (LOQ - 0.05 mg/kg) | 1.0 Max. | LAB_P_SOP_221 |

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|-------|----------------------------|---|---------------|---------------|
| 38 | Methyl Mercury as Hg,mg/kg | Below Limit of Quantification (LOQ - 0.1 mg/kg) | 0.25 Max. | LAB_P_SOP_221 |

* Marked tests are not covered under NABL scope of accreditation.

LOQ- Limit of Quantification

Remarks: The submitted sample conforms to the requirements of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

Authorised By

Neha Gupta
(Authorised Signatory)

Authorised By

Robin Kumar Tyagi
(Authorised Signatory)

Authorised By

Dr. Seema Gujral
(Manager - Food Chemical)



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