



Test Report



TC-7132

SAMPLE NOT DRAWN BY LABORATORY

Sample / Report No : GG23-003221.001

Issue Date : 18/04/2023
JOE No : GG23-003221

Report Control No : GGR0000781171

Customer provided information

Sample Name : MAIZE GLUTEN MEAL
Customer Name : KEVIN CORPORATION
Customer Address : B 401 DHARTI EXOTICA IOC ROAD CHANDKHEDA
Postal Code : 382424
State : GUJARAT
Country : INDIA
Sample Type : MAIZE GLUTEN MEAL
Batch number : 003/BHR/23
Mfg. Date : 03/2023
Expiry date : 02/2024
Sample quantity : 1x350g

Lab provided information

Received on : 08/04/2023
Registered on : 10/04/2023
Test Start-End Date : 10/04/2023 - 18/04/2023
Group /Subgroup : Animal Food & Feeds / Others

NABL Accredited Tests

| Test Parameter | Method | Result | Unit |
|-----------------------------------------|-------------------------|--------|-----------|
| DISCIPLINE: CHEMICAL | | | |
| Crude Protein (N x 6.25) | IS 7874 : Part 1 : 1975 | 60.52 | % |
| Moisture | IS 7874 : Part 1 : 1975 | 3.33 | g/100g |
| Total Ash | IS 7874 : Part 1 : 1975 | 1.95 | g/100g |
| Crude Fibre | IS 7874 : Part 1 : 1975 | 1.40 | g/100g |
| Aflatoxin B1 | SO-IN-AFL-MNR-C-TE-035 | 37.47 | µg/kg |
| Aflatoxin B2 | SO-IN-AFL-MNR-C-TE-035 | 7.92 | µg/kg |
| Aflatoxin G1 | SO-IN-AFL-MNR-C-TE-035 | <0.50 | µg/kg |
| Aflatoxin G2 | SO-IN-AFL-MNR-C-TE-035 | <0.50 | µg/kg |
| Total Aflatoxin (Sum of B1,B2,G1,G2) | SO-IN-AFL-MNR-C-TE-035 | 45.39 | µg/kg |
| Crude Fat | IS 7874 : Part 1 : 1975 | 4.02 | g/100g |
| Lead (as Pb) | SO-IN-AFL-MNR-C-TE-006 | 0.07 | mg/kg |
| Arsenic (as As) | SO-IN-AFL-MNR-C-TE-006 | <0.05 | mg/kg |
| Cadmium (as Cd) | SO-IN-AFL-MNR-C-TE-006 | <0.05 | mg/kg |
| Mercury (as Hg) | SO-IN-AFL-MNR-C-TE-006 | <0.05 | mg/kg |
| Energy (Kcal) | SO-IN-AFL-MNR-C-TE-036 | 399.0 | Kcal/100g |

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Sample / Report No : GG23-003221.001

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JOE No : GG23-003221

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Non-Accredited tests

| Test Parameter | Method | Result | Unit |
|------------------------------------|------------------------|----------------|--------|
| DISCIPLINE: BIOLOGICAL | | | |
| 35s Promoter Sequence | SO-IN-AGR-TE-016 | Not Detected** | -- |
| NoS Terminator sequence | SO-IN-AGR-TE-016 | Not Detected** | -- |
| Plant Chloro Plast Sequence | SO-IN-AGR-TE-016 | Detected** | -- |
| FMV | SO-IN-AGR-TE-016 | Not Detected** | -- |
| DISCIPLINE: CHEMICAL | | | |
| Tryptophan | SO-IN-AFL-MNR-C-TE-133 | 0.28 | g/100g |
| Aspartic Acid | SO-IN-AFL-MNR-C-TE-132 | 3.60 | g/100g |
| Threonine | SO-IN-AFL-MNR-C-TE-132 | 1.51 | g/100g |
| Serine | SO-IN-AFL-MNR-C-TE-132 | 3.10 | g/100g |
| Glutamic Acid | SO-IN-AFL-MNR-C-TE-132 | 15.16 | g/100g |
| Proline | SO-IN-AFL-MNR-C-TE-132 | 4.48 | g/100g |
| Glycine | SO-IN-AFL-MNR-C-TE-132 | 1.51 | g/100g |
| Alanine | SO-IN-AFL-MNR-C-TE-132 | 6.09 | g/100g |
| Valine | SO-IN-AFL-MNR-C-TE-132 | 2.21 | g/100g |
| Methionine | SO-IN-AFL-MNR-C-TE-132 | 1.13 | g/100g |
| Isoleucine | SO-IN-AFL-MNR-C-TE-132 | 2.05 | g/100g |
| Leucine | SO-IN-AFL-MNR-C-TE-132 | 12.44 | g/100g |
| Tyrosine | SO-IN-AFL-MNR-C-TE-132 | 2.65 | g/100g |
| Phenylalanine | SO-IN-AFL-MNR-C-TE-132 | 4.48 | g/100g |
| Lysine | SO-IN-AFL-MNR-C-TE-132 | 1.34 | g/100g |
| Histidine | SO-IN-AFL-MNR-C-TE-132 | 1.27 | g/100g |
| L-Arginine | SO-IN-AFL-MNR-C-TE-132 | 1.22 | g/100g |
| Cystine | SO-IN-AFL-MNR-C-TE-132 | 1.81 | g/100g |
| Sum amino acids (without ammonium) | SO-IN-AFL-MNR-C-TE-132 | 66.34 | g/100g |

Remark : **GMO test parameter was subcontracted to SGS Ahmedabad Lab

Detection limit 0.01%, State of conclusion: The sample was analysed for GMO presence or absence by Real Time qualitative PCR (Polymerase chain reaction) using 35s (promoter) NOS (terminator), and FMV (promoter) sequences as GMO specific primer, According to the test, Plant GMO was not detected in the sample for 35s (promoter), NOS (terminator), and FMV (promoter).

Per pro SGS India Private Ltd



Dharpal Sharma

Authorized Signatory

Per pro SGS India Private Ltd



Sonia Kumari

Sr. Executive

Authorized Signatory

****End of Report****

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