

E: Additional Tests (As per applicant Specification)**Test No. 20: Arsenic Content**

Test Specification(s) / Regulation(s): As per Applicant Specifications.

Test method(s) adopted: In-house method;

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer. (ICP-MS);

Test parameter(s) / Element	Component No.	Test Result(s) (%)	Limit of quantification (%)
Arsenic (As)	A	ND	0.001

Note: (1) “%” denotes percent by mass; (2) “ND” denotes not detected or below limit of quantification; (3) All the values, i.e. results, limits of quantification, and limit max. are given in terms of % by mass. (4) “≤” denotes less than equal.

Test No. 21: Gluten Content

Test Specification(s) / Regulation(s): As per Applicant(s) Specifications.

Test method(s) adopted: In-house method (Veratox Gliadin R5 - Method C);

Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement / Limit Max.(mg/kg)	Conclusion
A	ND	5.0	Gluten None detected	Pass

Note: (1) “mg/kg” denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) “ND” denotes Not Detected or below limit of quantification.

Test No. 22: PFOS (Perfluorooctane sulfonic acid and its derivatives)

Test specification(s): POP Regulation (EU) 2019/1021 and its amendments on persistent organic pollutants

Test method(s) adopted: In-house method (GTP_Chem_CPS_25130B);

Equipment(s) used: GC – MS (Gas Chromatograph – Mass Spectrometer);

Component No.	Test Result (mg/kg)	Limit of quantification	Compliance Requirement(s) / Limit Max	Conclusion
A	ND	0.01	10	Pass

Note: (1) “mg/kg” denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) “ND” denotes Not Detected or below limit of quantification.

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Test No. 23: PFOA (Pentadecafluorooctanoic acid)

Test specification(s): POP Regulation (EU) 2019/1021 and its amendments on persistent organic pollutants;

Test method(s) adopted: In-house method (GTP_Chem_CPS_25130B);

Equipment(s) used: LC – MS (Liquid Chromatograph – Mass Spectrometer).

Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
A	ND	0.01	0.025	Pass

Note: (1) “mg/kg” denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) “ND” denotes Not Detected or below limit of quantification.

Test No. 24: Material Identification using FTIR

Test method(s) adopted: In-house method (GTP_Chem_CPS_25128B);

Equipment(s) used: Fourier Transform Infrared Spectrometer (FTIR).

S. No.	Component No.	Test Result(s)
1.	A	Cellulose based material

Test No. 25: Cold Resistance

Test method(s) adopted & procedure: As per Applicant(s) Specifications.

Test condition(s): Place one sample in refrigerator with some fruits and another sample in freezer (-10 °C) with fruits.

Remove the samples next day;

Equipment used: Freezer.

Sample	Result(s) / Observation(s) (#3)	Applicant(s) Requirement(s)
A	Sample in Refrigerator: No visual change or any damage observed.	Observe the sample if it deforms or changes its shape.
	Sample in Freezer: No leakage, rupture or damage observed.	Observe the sample if there is any leakage, rupture or damage.

(#3) Observations were made with unaided eye.

Note: (1) “°C” denotes degree Celsius.

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