

CERTIFICATE OF ANALYSIS

Product Name: Sucralose	Quantity: 200kg
Batch No.: 202109032	Test Date: 21 st Sep, 2021
Manufacture Date: 15 th Sep, 2021	Expiry Date: 14 th Sep, 2023

Items	Specifications	Results
Appearance	White crystal powder	Complies
Identification	IR	Comply with standard
	HPLC	Comply with standard
	TLC	Comply with standard
Solubility	Freely soluble in water, in methanol and in alcohol. Slightly soluble in ethylacetate	Complies
Assay (Sucralose)	98.0 – 102.0%	99.30%
Specific Rotation	+84.0 – 87.5°	+86.24°
Chloride (Cl)	<0.03%	Complies
Heavy Metals(Pb)	≤10 mg/kg	Complies
Arsenic(As₂O₃)	≤3 mg/kg	Complies
Lead	≤0.001 mg/kg	Complies
Mercury	≤ 0.0001 mg/kg	Complies
Cadmium	≤ 0.001 mg/kg	Complies
Residue on ignition	≤0.7%	0.02%
Related Substances	≤0.5%	Complies
Hydrolysis Products	≤0.1%	Complies
Triphenylphosphine Oxide	≤150mg/kg	Complies
Methanol	≤0.1%	NF
Water Content	≤2.0%	0.19%
pH	6 – 7.1	6.29
Total plate count	≤250cfu/g	Complies
Yeast & Mould	≤50cfu/g	Complies
Coliforms	Negative	Complies

Escherichia Coli	Negative	Complies
Salmonella	Negative	Complies
S.aureus	Negative	Complies
Particle size	95% pass through 100 mesh	Complies
Conclusion: This batch is conforming with USP43, FCC12, EP10 standards.		