

CERTIFICATE OF ANALYSIS

Product Name: Sucralose	
Batch No.: 3662008007	Quantity: 500kg
Manufacture Date: 2020-08-03	Expiry Date: 2023-08-02

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 ethyl acetate	Complies
Assay (Sucralose)	98.0 – 102.0%	99.7%
Specific Rotation	+84.0 – 87.5°	+85.57°
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%	0.05%
Related Substances	≤0.5%	Complies
Hydrolysis Products	≤0.1%	Complies
Triphenylphosphine Oxide	≤150mg/kg	Complies
Methanol	≤0.1%	NF
Water Content	≤2.0%	0.06%
pH	6 – 7.1	6.7
Total plate count	≤100cfu/g	Complies
Escherichia Coli	Negative	Complies
Salmonella	Negative	Complies
Yeast & Mould	≤10cfu/g	Complies

Conclusion: This batch is conforming with USP39 & FCCX.