

CERTIFICATE OF ANALYSIS

Product name	Sucralose	Country of Origin	China
Cas No	56038-13-2	Molecular Formula	C ₁₂ H ₁₉ Cl ₃ O ₈
Batch Number	1801083FS	Quantity	1000kgs
Manufacture Date	Jan 18, 2018	Expiry Date	Jan 17, 2021

Items	Standard	Results
Appearance	White to off white odorless crystalline powder	Complies
Identification A:IR B:HPLC	The retention time corresponds to the reference	Complies Complies
Assay(on dry basis)	98.0%~102%	99.34%
Specific rotation(α)D ²⁰	+84.0° ~ +87.5°	+86.28°
Water	≤2.0%	0.08%
Residue on ignition	≤0.7%	0.08%
Heavy metals	≤10mg/Kg	<10mg/Kg
Lead	≤1mg/Kg	<1mg/Kg
Arsenic	≤1mg/Kg	<1mg/Kg
Methanol	≤0.1%	Not find
pH	5.0-8.0	Complies
Hydrolysis products (chlorinated monosaccharides)	≤0.1%	Complies
Related substances (other chlorinated disaccharides)	≤0.5%	Complies
Triphenylphosphine oxide	≤150mg/Kg	Complies
Total Aerobic plate count	≤250cfu/g	Complies
Yeast and Mold count	≤50cfu/g	Complies
Coli	Negative	Negative
Salmonella	Negative	Negative

Conclusion: The product can conform with USP/FCC.