

EAST CHEMSOURCES LIMITED

CERTIFICATE OF ANALYSIS

Product Name: Sucralose [56038-13-2] Test Date: Dec.12,2018

Batch NO.: 20181212 Manu.Date: Dec.12,2018

Quantity: 1000 kg Expiry Date: Dec.11,2021

Item	FCCVIII USP38-NF30 E955 EP7.0	Result
Appearance	White or almost white crystalline powder	Complies
Ident IR	The IR absorption spectrum conform the reference spectrum	Pass
Ident HPLC	The retention time of the principal peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation	Pass
Ident TLC	The RF value of the principal spot in the chromatogram of the Test solution corresponds to that of Standard solution	Pass
Assay	98.0~102.0%	99.9%
Specific Rotation	+84.0~+87.5°	+85.9°
Clarity of solution	---	Clear
PH (10% aqueous solution)	5.0~7.0	6.5
Moisture	≤2.0%	0.09%
Methanol	≤0.1%	Nf
Ignited Residue	≤0.7%	0.08%
Arsenic(As)	≤3ppm	<3ppm
Lead	≤1ppm	<1ppm
Cr	≤3ppm	<3ppm
Cd	≤1ppm	<1ppm
Heavy metals	≤10ppm	<10ppm
Related substances	≤0.5%	<0.5%
Hydrolysis products	≤0.1%	Complies
Triphenylphosphine oxide	≤150pm	Negative
Total aerobic count	≤250cfu/g	<20cfu/g
Yeast & Moulds	≤50cfu/g	<10cfu/g
Coliforms	Negative	Nf
E.coli	Negative	Nf
S.aureus	Negative	Nf
Salmonella	Negative	Nf

Particle size 100mesh

Storage condition:Store in well closed container, dry and cool place

Conclusion: The product complies with FCCVIII, USP38-NF30,EP7.0 and E955 standards