Shandong Kanbo Biochemical Technology Co., Ltd
Add: No.1016.Liba Road, Lijin County, Dongying City, Shandong Province,257400,P.R.China

CERTIFICATE OF ANALYSIS

Product Name: Sucralose [56038-13-2] Test Date: May 16, 2021

Batch NO.: 202105019 Manu.Date: May 10, 2021

Quantity: 5000 kg Expiry Date: May 9, 2025

Item	IP/BP/USP	Result
Appearance	White or almost white 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%	99.39%
Specific Rotation	+84.0～+87.5°	+86.42°
Clarity of solution	---	Clear
PH (10% aqueous solution)	5.0～7.0	6.22
Moisture	≤2.0%	0.13%
Methanol	≤0.1%	Not detected
Ignited Residue	≤0.7%	0.02%
Arsenic(As)	≤3ppm	＜3ppm
Heavy metals	≤10ppm	＜10ppm
Lead	≤1ppm	Not detected
Related substances （Other chlorinated	≤0.5%	＜0.5%
Hydrolysis products （Chlorinated	≤0.1%	Complies
Triphenylphosphine oxide	≤150ppm	＜150ppm
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 95% pass through 100 mesh

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

Shelf Life: 4 years while stored in original packing under above stated condition.

Conclusion: The product complies with IP/BP/USP standards.

Approved： Lu Wei Inspector： Liu Shilong

WWW.CHEMBALL.COM