



SUNVISION SWEET CO., LTD.

Chemical Park Area, Dongdu Town, Xintai City, Shandong P.R. China

CERTIFICATE OF ANALYSIS

Product Name	Sucralose	Batch Size	1500 kgs
CAS No.	56038-13-2	Manufacturer Date	MAR 08, 2021
Molecular Formula	C ₁₂ H ₁₉ Cl ₃ O ₈	Test Date	MAR 11, 2021
Batch No.	2103020FS	Expire Date	MAR 07, 2024

Item	Specification	Results
Appearance	White to off white odorless crystalline powder	conform
Identification A: IR: B: HPLC C: TLC	The spectrum exhibits the same as that of the reference. The retention time is the same as that of the standard. The R _f value is the same as that of the standard.	Conform Conform Conform
Assay on dried basis	98.0~102%	99.56%
Specific Rotation	+84.0~+87.5°	+86.52°
Residue on Ignition(Sulphated Ash)	≤0.7%	0.04%
Water	≤2.0%	0.07%
Heavy Metals	≤10mg/Kg	< 10mg/Kg
Lead(Pb)	≤1mg/Kg	< 1mg/Kg
Arsenic(As)	≤1mg/Kg	< 1mg/Kg
Cadmium(Cd)	≤1mg/Kg	< 1mg/Kg
Mercury(Hg)	≤0.1mg/Kg	< 0.1mg/Kg
PH	5.0-8.0	conform
Related Substances (Oher Chlorinated Disaccharides)	≤0.5%	conform
Hydrolysis Products (Chlorinated monosaccharides)	≤0.1%	conform
Triphenylphosphine oxide	≤150mg/kg	conform
Methanol	≤0.1%	Not find
Total Plate Count	≤250cfu/g	conform
Yeast & Mold	≤50cfu/g	conform
E. Coli	Negative	Negative
Coliform	Negative	Negative



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Salmonella	Negative	Negative
S.aureus	Negative	Negative
Particle size	≥90% through 100 mesh (Powder)	Conform

Synonyms: Trichlorosucrose, Trichlorogalactosucrose, TGS

Definition **Chemical name:**

1,6-Dichloro-1,6-dideoxy-β-D-fructofuranosyl-4-chloro-4-deoxy-α-D-galactopyranoside

Molecular weight: 397.64

Conclusion: The product meets the requirements of FCCX, USP43, E955, BP & EP

Storage: Stored in airtight containers and in cool & dry place.

Shelf Life: Three years when properly stored.

Appraiser: Yang Huafang

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