



SUNVISION SWEET CO., LTD.

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

CERTIFICATE OF ANALYSIS

Product Name	Sucralose	Batch Size	4000kgs
CAS No.	56038-13-2	Manufacturer Date	NOV. 20, 2019
Molecular Formula	C ₁₂ H ₁₉ Cl ₃ O ₈	Test Date	NOV. 23, 2019
Batch No.	1911038KS	Expire Date	NOV. 19, 2022

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 Rf value is the same as that of the standard.	Conform Conform Conform
Assay on dried basis	98.0~102%	99.57%
Specific Rotation	+84.0~+87.5°	+86.07°
Residue on Ignition(Sulphated Ash)	≤0.7%	0.08%
Water	≤2.0%	0.09%
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	5.9
Related Substances (Other 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 60 mesh (Fine Granular)	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, USP41, 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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