

## CERTIFICATE OF ANALYSIS

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

Item	Specification	Results
Appearance	White to off white odorless crystalline powder	conform
<b>Identification</b> 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%	99.56%
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



# SUNVISION SWEET CO., LTD.

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

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

**Edited By:** Gong Xudong

**Checker:** Cao Mingming



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