



# SUNVISION SWEET CO., LTD.

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

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Sucralose	<b>Batch Size</b>	5000kgs
<b>CAS No.</b>	56038-13-2	<b>Manufacturer Date</b>	NOV. 22, 2019
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>19</sub> Cl <sub>3</sub> O <sub>8</sub>	<b>Test Date</b>	NOV. 25, 2019
<b>Batch No.</b>	1911042KS	<b>Expire Date</b>	NOV. 21, 2022

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%	99.57%
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 100 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

**Edited By:** Gong Xudong

**Checker:** Hao Yunfei

