

# ROCHEM INTERNATIONAL, INC.

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## PRODUCT SPECIFICATION

### SUCRALOSE

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### FCC/USP

Version No: 600036-000

<b>Product Name:</b>	Sucralose FCC/USP
<b>Batch Number:</b>	XXXXXXXXXXXXXX
<b>Batch Size:</b>	XXXXXXX
<b>Manufactured Date:</b>	XXXXXXXX
<b>Expiry/Expiration/Retest Date:</b>	XXXXXXXX
<b>CAS No.:</b>	56038-13-2
<b>ITEMS</b>	<b>SPECIFICATIONS</b>
<b>Appearance:</b>	White to off-white, crystalline powder.
<b>Identification:</b> A: IR: B: HPLC: C:	Conforms The retention time corresponds to the reference. Conforms
<b>Assay (on anhydrous basis):</b>	98.0 ~ 102.0%
<b>Water:</b>	≤ 2.0%
<b>Methanol</b>	≤ 0.1%
<b>Specific Rotation:</b>	+84.0 ~ +87.5° at 20°
<b>Residue on Ignition:</b>	≤ 0.7%
<b>Related Compounds:</b>	≤ 0.1%
<b>Related Substances:</b>	≤ 0.5%
<b>Organoleptic Evaluation:</b>	Conform
<b>TriphenylPhosfine Oxide:</b>	≤150 mg/kg
<b>Hydrolysis Products: (Chlorinated monosaccharides)</b>	≤0.1%
<b>pH:</b>	6.0 ~ 7.0
<b>Heavy Metals:</b> Arsenic (As): Cadmium (Cd): Lead (Pb): Mercury (Hg):	≤ 10 mg/kg ≤ 1.0 mg/kg ≤ 1.0 mg/kg ≤ 1.0 mg/kg ≤ 1.0 mg/kg
<b>Particle Size Through 100 Mesh:</b>	≥ 95%
<b>Residual Solvents</b> Ethyl Acetate: Dimethylformamide:	≤ 5000ppm ≤ 880ppm
<b>Total Aerobic Count:</b>	< 250cfu/g
<b>Yeast &amp; Mold:</b>	< 50 cfu/g
<b>Coliforms:</b>	Negative
<b>E. Coli:</b>	Negative
<b>S. Aureus:</b>	Negative
<b>Salmonella:</b>	Negative
<b>Exp. Date:</b>	3 Years

**Conclusion:** The product meets the requirements of EP, E955, USP39& FCCIX

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

**Shelf Life:** Three years when properly stored.

Rev. 03