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CERTIFICATE OF ANALYSIS

Product Name: SUCRALOSE (FOOD GRADE)	Batch Number:S202312067
Standard: FCCVII	Batch Quantity:3000KGS
Chemical Formula: C ₁₂ H ₁₉ Cl ₃ O ₈	Production date:24.DEC,2023
	Valid Period: 23.DEC,2025

Purity

Test	Requirement	Result
Identification	In HPLC, retained time of main peak complies to reference object	In HPLC, retained time of main peak complies to reference object
Appearance	White crystalline powder	Conform
Assay Content %	98.0~102.0%	99.76
Loss on Drying %	≤2	0.10
Specific Rotation,°	+84.0°~+87.5°	+86.1°
Ignited Residue,%	≤0.7	0.10
Hydrolysis products (Chlorinated monosaccharides), %	≤0.1	Complies
Methanol,%	≤0.1%	≤0.1%
Heavy Metals,mg/kg	≤5	≤5
Arsenic(As),mg/kg	≤1	≤1
Lead,mg/kg	≤1	≤1
Related substances (Other chlorinated disaccharides) s,%	≤0.5	<0.5
Triphenylphosphine Oxide	150mg/kg max.	150mg/kg max.
PH(10% aqueous solution)	5.0-7.0	6.54
Storage condition	Keep in cool and dry place. Protect from light and keep container closed. Avoid contamination from other special smell.	

Microbiological Tests

Test	Requirement	Result
Total Plate Count cfu/g	≤250	<10
Coliforms-MPN MPN/g	≤3	None
Yeast and Moulds cfu/g	≤50	<10
E.Coli	Negative	None
Salmonella	Negative	None

Particle Size

Sieve	Percent
100mesh	≥90%

The requirement stated herein also meets with the standard of FCCVII、USP43、EP8.0、EC231/2012(2008/60/EC)、GB25531

Conclusion: passed

SIGNATURE:

