



安徽金禾实业股份有限公司

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CERTIFICATE OF ANALYSIS

Product Name: SUCRALOSE (FOOD GRADE)	Batch Number:S202503029
Standard: FCC9	Batch Quantity:1000KGS
Chemical Formula: C ₁₂ H ₁₉ C ₁₃ O ₈	Production date:MAR.12,2025
	Valid Period: 2 YEARS

Identification

Test	Requirement	Result
Solubility in Water,Methanol and Ethanol	Freely Soluble	Freely Soluble
Solubility in Ethylacetate	Slightly Soluble	Slightly Soluble
Infrared	Conform	Conform
The sample is the same as the standard product HPLC.	Conform	Conform
The sample is the same as the Rf value of the standard TLC.	Conform	Conform

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%	99.77
Moisture %	≤2	0.08
Specific Rotation,°	+84.0 °~+87.5 °	+85.9°
Ignited Residue,%	≤0.7	0.11
Hydrolysis products,%	≤0.1	Complies
Methanol,%	≤0.1%	Undetected
Heavy Metals,mg/kg	≤10	≤10
Arsenic(As),mg/kg	≤3	≤3
Lead,mg/kg	≤1	Undetected
Fe mg/kg	≤10	≤10
Related substances,%	≤0.5	<0.5
Triphenylphosphine	≤150mg/kg	10mg/kg
PH(10% aqueous solution)	5.0-8.0	6.49
Storage condition	Store in cool and dry place	

Microbiological Tests

Test	Requirement	Result
Total Plate Count cfu/g	≤250	<10
Coliforms-MPN MPN/g	≤3	None
Yeasts and Moulds cfu/g	≤50	<10
E.Coli	Negative	None
Staphylococcus aureus	None in 25g	None
Salmonella	Negative	None

Particle Size

Sieve	Percent
Through 60mesh	≥95%

The requirement stated herein also meets with the standard of FCC9、USP34、EP8.0、Regulation (EU) No231/2012(E955)、GB25531

Conclusion: passed

SIGNATURE:

