ANHUI JINHE INDUSTRIAL CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name: SUCRALOSE (FOOD ADDITIVE)	Batch Number:202105017
Standard: FCC**X**	Batch Quantity:10000KGS
Chemical Formula: C12H19C13O8	Production date: MAY.08,2021
	Expire Date: MAY.07,2023
Functional Use: Non-nutritive sweetener ,Flavor enhancer	Shelf life: 2 YEARS
Solubility	Freely soluble in water, methanol and ethanol Slightly soluble in ethyl acetate

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 to off-white, practically odourless, crystalline powder	Conform
Assay Content	98.0～102.0%	99.76%
Loss on Drying	≤2%	0.08%
Specific Rotation at 20℃	+84.0 º～+87.5 º	+86.3º
Ignited Residue	≤0.7%	0.10%
Hydrolysis products	≤0.1%	Complies
Methanol	≤0.1%	Undetected
Heavy Metals mg/kg	≤10mg/kg	≤10mg/kg
Arsenic(As) mg/kg	≤3mg/kg	Undetected
Taste and Odor	No abnormal taste or odor	Passes test
Lead mg/kg	≤1	Undetected
Fe mg/kg	≤10mg/kg	≤10mg/kg
Related substances	≤0.5%	<0.5%
Triphenylphosphine Oxide	≤150 mg/kg	≤150 mg/kg
PH(10% aqueous solution)	5.9-7.9	6.42
Sulphated ash	≤0.7%	≤0.7%
Storage condition	Store in cool and dry place	

Microbiological Tests

Test	Requirement	Result
Total Plate Count	Not more than 250 cfu/gram	<10cfu/gram
Coliforms	Negative per 10 grams	None
E.Coli	Negative per 10 grams	None
Salmonella	Negative per 25 grams	None
Staphylococcus aureus	Negative per 10 grams	None
Yeast and Mold	Not more than 50 cfu/gram	<10 cfu/gram

Particle Size

Sieve	Percent
100mesh	≥95%

The requirement stated herein also meets with the standard of USP39、EP8.0、Regulation（EU）No231/2012(E955)、GB25531

Conclusion: passed

SIGNATURE: 安徽金禾实业股份有限公司 ANHUI JINHE INDUSTRIAL CO.,LTD