



EPOCH MASTER GLOBAL BUSINESS (JIANGSU)

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Certificate of Analysis

Gsweet Aspartame is a nutritive sweetener that contains 2 amino acids, metabolized like the food protein. It is a white, crystalline substances, about 200 times sweeter than sugar. It is an odorless, low-calorie intensive sweetener.

Gsweet Aspartame is GMO free and BSE free. It is widely used in products like table-top sweeteners, soft drink, instant coffee, frozen milk, candy and gum, yogurt, desserts and condiments.

Contract No: GH23ZHDHWT004
Analysis Date: 2023-02-26

Product: Gsweet Aspartame Powder	Chemical Name: N-L-a-Aspartyl-L-Phenylalanine Methyl Ester	
Batch No.: 2303010RP	Quantity: 9000kg	
Manufacture Date: 2023-02-25	Expiration Date: 2026-02-24	
Test Item	Specification	Result/ Remarks
Appearance	White crystalline powder	White crystalline powder
Assay	98.0-102.0 %	99.30 %
Specific Rotation $[\alpha]_D^{20}$	+14.50°~+16.50°	+15.30 °
Loss on Drying	≤ 4.50 %	4.17 %
Residue On Ignition (Sulphate Ash)	≤ 0.20 %	0.05 %
pH (0.8% w/v in water)	4.50 - 6.00	5.26
Diketopiperazine (DKP) 5-benzyl-3,6-dioxo-2-Piperazineacetic acid	≤ 1.5 %	< 1.5 %
Other Related impurities Chromatographic purity	≤ 2.0 %	< 2.0 %
Transmittance	≥ 0.95	0.994
Heavy Metals (as Pb)	≤ 10 mg/kg	< 10 mg/kg
Arsenic (as As)	≤ 3 mg/kg	< 3 mg/kg
Lead	≤ 1 mg/kg	< 1 mg/kg
Residual Solvents	Meet the requirements	Conform
Particle Size	100 Mesh	Conform
Packaging	25kg net weight cardboard drums with 2 inner bags.	
Storage	Store under a cool, dry ambient environment. Avoid high heat.	
Conclusion	Meet the requirements set forth by the current FCC&USP.	

佰解斯达国际贸易(江苏)有限公司
EPOCH MASTER GLOBAL BUSINESS (JIANGSU) INC.

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LI BINGBO (I)

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