

CERTIFICATE OF ANALYSIS

Product Name	Neotame	Molecular Formula	C ₂₀ H ₃₀ N ₂ O ₅
Appearance	White Powder	Solubility(25°C)	95g/100g ethanol; 1.26g/100g water
CAS NO. :	165450-17-9	Batch No.:	HT211010A
Manufacturer Date:	2021/10/10	Expiry Date:	2026/10/09

Basis for Analysis: USP42/ FCC11

Item	Acceptance Limit	Result
Neotame content (on dry basis)	97.0~102.0%	99.21%
N-[N-(3,3-Dimethylbutyl)-L-alpha-Aspartyl]-L-Phenylalanine	≤ 1.5%	0.04%
Other Related Substances	≤2.0%	0.04%
PH, 0.5% solution	5.0~7.0	5.3
Water	≤ 5.0 %	4.27%
Sulfated ash	≤ 0.2%	0.00%
Specific Rotation [α] ²⁰ D 0.5% solution, on dry basis	-40.0 ~ -43.4	-41.3
Melting Point	81°C ~ 84°C	83°C
Lead	≤1mg/kg	0.01mg/kg

Microbial Inspection Project	Acceptance Limit	Result
Aerobic Plate Count	<250cfu/g	Take the third party testing results as reference.
Coliforms	<10MPN/g	
Fungi	<100cfu/g	
Microorganisms of public health concern	None	

Conclusion: The test results complies with USP42 / FCC11 standard

Examine & Approve:

Zy Ye

Review:

Yu Xiqi

Inspector:

