

## CERTIFICATE OF ANALYSIS

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

