

CERTIFICATE OF ANALYSIS

Product Name	Neotame		
Batch Number	20220315	Manufacture Date	20220315
Report Date	20220315	Expiry Date	20240314

Item of Analysis	Specification	Results
Assay (On anhydrous basis)	97.0%~102.0%	99.2%
N-[N-(3,3-Dimethylbutyl)-L- α -aspartyl]-L-phenylalanine	1.5%	0.347
Appearance	Powder	Conforms
Color	A white or almost white crystalline powder	Conforms
Related Substances	2.0%	Conforms
Specific Rotation	-40.0° ~ -43.4°	-42.0°
Water	5.0%	1.14%
Residual Solvents	Meets the requirements	-Conforms
Residue on Ignition	0.1%	-43.4°
pH	5.0~7.0	6
Melting Point	81~85°C	Conforms
Total Heavy Metals	10ppm Max	Conform
Lead (Pb)	2ppm NMT	Conform
Arsenic (As)	2ppm NMT	Conform
Cadmium (Cd)	2ppm NMT	Conform
Mercury (Hg)	0.5ppm NMT	Conform
Total Plate Count	3000cfu/g Max	Conform
Yeast & Mold	1000cfu/g Max	Conform
E. Coli.	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

