

Certificate of Analysis

Product Name: **Aspartame** Specification: **20~60 Mesh**
Batch No.: **TR20250314** Quantity: **10,000 KGS**
Production Date: **Mar 14-2025** Expiry Date: **Mar 14-2027**

Items	Unit	Standard	Results
Appearance	-	White crystalline powder or Granular	White crystalline powder
Appearance of solution	-	Conform to EP	Conform
Identification	-	Meet the requirements	Conform
Assay(105°C, 4h)	%	98.0%~102.0%	0.9936
Loss on drying	%	0.045	0.0298
Residue on ignition(Sulphate Ash)	%	0.002	0.0003
Conductivity	µs/cm	30µs/cm	18.35µs/cm
PH	-	4.5~6.0	5.21
Specific rotation	-	+14.5°~+16.5°	+15.18°
Transmittance	%	≥95%	0.9955
L-phenylalanine(C)	%	≤0.5%	Not found
Diketopiperazine(A)(5-benzyl-3,6-dioxo-2-Piperazineacetic acid)	%	≤1.5%	0.0002
Other related substances	%	≤1.5%	0.0058
Heavy metals (as Pb)	PPM	≤10ppm	<5ppm
Lead	PPM	≤1ppm	<1ppm
Arsenic	PPM	≤3ppm	<2ppm

CONCLUSION: Meets the requirements of FCC, EP, USP

PACKING: 25 KGS/DRUM

STORAGE: Stored in a cool,dry environment,strictly prohibited storing and shipping with harmful toxic



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