

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-22 14:44:11

Date of Next Testing: 2030-01-21 14:44:11

Product Name: **Aspartame**

CAS Number: 22839-47-0

Specifications & Purity: $\geq 98\%$

Lot #: A2620694

SKU #: **A113247**

Version: **2**

Analysis #: **637680**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.00 %
Sulfate Ash	0-0.2 (%)	0.01 %
light transmittance	95-100 (%)	99.80 %
Other related content	0-2 (%)	0.05 %
(As)Arsenic	0-3 (ppm)	1.02 ppm
pH	4.5-6	5.29
5-3.6-2 DE base-oxygen-2-Ia2 acetic acid	0-1.5 (%)	0.90 %
Heavy metal (as Pb)	0-10 (ppm)	2.14 ppm
Loss on drying	0-4.5 (%)	1.51 %
Purity(HPLC)	98-100 (%)	99.39900 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in } 15\text{mol/L Formic acid})$	12-17 (°)	14.64 °
Appearance (A113247)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager