

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-24 18:56:39

Date of Next Testing: 2029-02-23 18:56:39

Product Name: **Aspartame**

CAS Number: 22839-47-0

Specifications & Purity: $\geq 98\%$

Lot #: B2521118

SKU #: **A113247**

Version: **2**

Analysis #: **454557**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.03650 %
Sulfate Ash	0-0.2 (%)	0.10800 %
light transmittance	95-100 (%)	95.70000 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in } 15\text{mol/L Formic acid})$	12-17 (°)	14.86700 °
Other related content	0-2 (%)	0.32600 %
(As)Arsenic	0-3 (ppm)	0.02500 ppm
pH	4.5-6	5.26300
5-3.6-2 DE base-oxygen-2-la2 acetic acid	0-1.5 (%)	0.08300 %
Heavy metal (as Pb)	0-10 (ppm)	0.02148 ppm
Loss on drying	0-4.5 (%)	0.55300 %
Purity(HPLC)	98-100 (%)	99.23900 %
Appearance (A113247)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager