

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-19 14:09:00

Date of Next Testing: 2028-08-18 14:09:00

Product Name: **Muramic acid**

CAS Number: 1114-41-6

Grades & Purity: $\geq 95\%$

Lot #: J2430692

SKU #: **M132986**

Version: **2**

Analysis #: **754258**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	95-100 (%)	97.30000 %
Specific Rotation $[\alpha]_{22}^{\text{D}}(c=1.86\text{g/ml in H}_2\text{O})$	95-117 ($^{\circ}$)	96.20000 $^{\circ}$
Appearance (M132986)	White to off-white to Light Brown solid	White to off-white to light brown solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager