

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-10 14:16:41

Date of Next Testing: 2024-08-09 14:16:41

Product Name: **Muramic acid**

CAS Number: 1114-41-6

Specifications & Purity: $\geq 95\%$

Lot #: H2205424

SKU #: **M132986**

Version: **2**

Analysis #: **104940**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	95-100 (%)	98.30000 %
Specific Rotation $[\alpha]_{22}^D(c=1.86\text{g/ml in H}_2\text{O})$	95-117 ($^{\circ}$)	108.40000 $^{\circ}$
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (M132986)	White to Off-White solid	White to off-white solid



John Su
QA & QC Manager