

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-18 11:33:45

Date of Next Testing: 2024-06-17 11:33:45

Product Name: **Muramic acid**

CAS Number: 1114-41-6

Specifications & Purity: $\geq 95\%$

Lot #: F2214259

SKU #: **M132986**Version: **2**Analysis #: **046655**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25}^D(c=0.26 \text{ in H}_2\text{O in 60min})$	95-117 ($^{\circ}$)	108.40000 $^{\circ}$
Purity(TLC)	95-100 (%)	98.30000 %
Appearance (M132986)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager