

Certificate of Analysis

Date of Testing: 2022-05-10 15:33:02

Date of Next Testing: 2024-05-09 15:33:02

Product Name: **Muramic acid**

CAS Number: 1114-41-6

Specifications & Purity: $\geq 95\%$

Lot #: G2016095

SKU #: **M132986**

Analysis: **089993**

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 ($^{\circ}$)	99.00 $^{\circ}$
Purity(TLC)	95-100 (%)	97.96 %
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



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QA & QC Manager