

Certificate of Analysis

Date of Testing: 2025-02-14 13:58:33

Date of Next Testing: 2027-02-14 13:58:33

Product Name: **Muramic acid**

CAS Number: 1114-41-6

Specifications & Purity: $\geq 95\%$

Lot #: E2310510

SKU #: **M132986**

Version: **2**

Analysis #: **471881**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	95-100 (%)	98.00 %
Specific Rotation $[\alpha]_{22}^D(c=1.86\text{g/ml in H}_2\text{O})$	95-117 ($^{\circ}$)	108.00000 $^{\circ}$
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



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QA & QC Manager