

Certificate of Analysis

Date of Testing: 2023-05-23 09:42:46

Date of Next Testing: 2025-05-22 09:42:46

Product Name: **Muramic acid**

CAS Number: 1114-41-6

Specifications & Purity: $\geq 95\%$

Lot #: E2310576

SKU #: **M132986**

Analysis: **172285**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	95-100 (%)	98.40%
Specific Rotation $[\alpha]_{22}^{\text{D}}$ (c=1.86g/ml in H ₂ O)	95-117 ($^{\circ}$)	108.40000 $^{\circ}$
Appearance (M132986)	White to Off-White solid	White to off-white 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