

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-24 16:08:36
Date of Next Testing: 2028-05-23 16:08:36
Product Name: **N-Acetylmuramic acid**
CAS Number: 10597-89-4
Specifications & Purity: 97%
Lot #: E2422414
SKU #: **H113966**
Version: **0**
Analysis #: **330000**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{23/D}(c=0.1 \text{ in H}_2\text{O})$	64-66 (°)	66.00°
Nitrogen by Elemental Analysis	4.4-5.1 (%)	4.73%
Purity(HPLC)	97-100 (%)	99.10000%
Carbon by Elemental Analysis	43.9-45.2 (%)	44.60%
Appearance (H113966)	White Solid	White Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Clear colorless solution(50mg/ml,water)	pass	Pass



John Su
QA & QC Manager