

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-19 16:33:11

Date of Next Testing: 2027-06-18 16:33:11

Product Name: **N-Ethyl-D-glucamine**

CAS Number: 14216-22-9

Specifications & Purity: $\geq 98\%$

Lot #: F2305737

SKU #: **N159586**

Version: **0**

Analysis #: **223383**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	6.19-7.19 (%)	6.70900 %
Carbon by Elemental Analysis	45.4-46.4 (%)	45.45100 %
Purity(Nonaqueous Titration)(As drybase)	98-102 (%)	99.97000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-19--15 (°)	-17.11100 °
Melting point	136-140 (°C)	137.74000 °C
Appearance (N159586)	White powder	White powder



John Su
QA & QC Manager