

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-13 13:57:10

Date of Next Testing: 2027-04-12 13:57:10

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

CAS Number: 14216-22-9

Specifications & Purity: $\geq 98\%$

Lot #: F1927063

SKU #: **N159586**

Version: **0**

Analysis #: **210670**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	136-140 (°C)	139.97000 °C
Nitrogen by Elemental Analysis	6.19-7.19 (%)	6.59000 %
Carbon by Elemental Analysis	45.4-46.4 (%)	45.67000 %
Purity(Nonaqueous Titration)(As drybase)	98-102 (%)	99.52000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-19--15 (°)	-16.58200 °
Appearance (N159586)	White powder	White powder



John Su
QA & QC Manager