

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-09 09:18:40

Date of Next Testing: 2027-08-08 09:18:40

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

CAS Number: 6284-40-8

Specifications & Purity: $\geq 99\%$

Lot #: G2326762

SKU #: **M106762**

Version: **0**

Analysis #: **245466**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-17--16 (°)	-16.42300 °
Melting point	128-131 (°C)	129.28000 °C
Purity(Titration by HCL)(dry basis)	99-100.5 (%)	99.78000 %
Loss on drying	0-1 (%)	0.39439 %
Appearance (M106762)	White powder	White powder
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager