

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 14:23:01

Date of Next Testing: 2027-02-09 14:23:01

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

CAS Number: 6284-40-8

Specifications & Purity: $\geq 99\%$

Lot #: B2304578

SKU #: **M106762**

Version: **0**

Analysis #: **176201**

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 (°)	-16.10600 °
Melting point	128-131 (°C)	130.89000 °C
Loss on drying	0-1 (%)	0.78890 %
Purity(Titration by HCL)(dry basis)	99-100.5 (%)	100.48000 %
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