

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-05 18:27:33

Date of Next Testing: 2029-03-04 18:27:33

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

CAS Number: 6284-40-8

Specifications & Purity:  $\geq 99\%$

Lot #: C2503144

SKU #: **M106762**

Version: **0**

Analysis #: **474716**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                                   | 128-131 (°C)          | 130.75000 °C          |
| Loss on drying                                                  | 0-1 (%)               | 0.29980 %             |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$ | -17--16 (°)           | -16.45700 °           |
| Purity(Titration by HCL)(dry basis)                             | 99-100.5 (%)          | 100.46000 %           |
| Appearance (M106762)                                            | White powder          | White powder          |
| Solubility in H <sub>2</sub> O                                  | Almost transparency   | almost transparency   |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager