

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-15 16:22:25

Date of Next Testing: 2027-01-05 16:22:25

Product Name: **D-Glucurone**

CAS Number: 32449-92-6

Specifications & Purity:  $\geq 99\%$

Lot #: D2313762

SKU #: **G100817**

Version: **2**

Analysis #: **463573**

Storage Temperature: Room temperature

| Parameter                                                       | Limit Values                    | Result                          |
|-----------------------------------------------------------------|---------------------------------|---------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$ | 17.5-19.5 (°)                   | 19.40000 °                      |
| Sulfate Ash                                                     | 0-0.1 (%)                       | 0.04000 %                       |
| Loss on drying                                                  | 0-0.5 (%)                       | 0.08000 %                       |
| Melting point                                                   | 168-175 (°C)                    | 174.90000 °C                    |
| Heavy metal (as Pb)                                             | 0-10 (ppm)                      | 3.70000 ppm                     |
| Assay                                                           | 99-100 (%)                      | 99.40000 %                      |
| Appearance (G100817)                                            | white crystal or crystal powder | white crystal or crystal powder |
| Identification                                                  | pass                            | Pass                            |
| Infrared spectrum                                               | Conforms to Structure           | Conforms to Structure           |
| Solubility in H <sub>2</sub> O (10% aq. soln.)                  | pass                            | Pass                            |



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QA & QC Manager