

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 11:00:03

Date of Next Testing: 2029-09-18 11:00:03

Product Name: **Sodium Glucoheptonate Dihydrate**

CAS Number: 31138-65-5

Specifications & Purity:  $\geq 98\%$ (T)

Lot #: I2515470

SKU # **S161043**

Version **1**

**Analysis #:** **581088**

Storage Temperature: Store at -20°C

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(NonaqueousTitration)                                      | 97.5-102.5 (%)        | 99.17000 %            |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ | 5-6 (°)               | 5.61600 °             |
| Loss on drying                                                   | 11-15 (%)             | 12.35596 %            |
| Proton NMR spectrum                                              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager