

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-19 10:59:19
 Date of Next Testing: 2029-09-18 10:59:19
 Product Name: **Sodium Glucoheptonate Dihydrate**
 CAS Number: 31138-65-5
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: I2515455
 SKU #: **S161043**
 Version: **1**
 Analysis #: **581088**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.17 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	5-6 (°)	5.62 °
Loss on drying	11-15 (%)	12.36 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager