

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-19 16:12:25

Date of Next Testing: 2028-08-18 16:12:25

Product Name: **Sodium Glucoheptonate Dihydrate**

CAS Number: 31138-65-5

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

Lot #: K2006070

SKU #: **S161043**

Version: **1**

Analysis #: **401058**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.71800 %
Water by Karl Fischer	11-14 (%)	13.95000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	5-6 (°)	5.40500 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager