

Certificate of Analysis

Date of Testing: 2024-12-18 09:43:59

Date of Next Testing: 2028-12-17 09:43:59

Product Name: **Sodium Glucoheptonate Dihydrate**

CAS Number: 31138-65-5

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

Lot #: L2413753

SKU #: **S161043**

Version: **1**

Analysis #: **374025**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.43 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	5-6 (°)	5.78 °
Water by Karl Fischer	11-14 (%)	12.00 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager