

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-05 11:39:42

Date of Next Testing: 2027-05-04 11:39:42

Product Name: **Isopropyl β -D-thioglucoopyranoside**

CAS Number: 19165-11-8

Specifications & Purity: 95%

Lot #: D2318239

SKU # **I120863**

Analysis: **197542**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.83 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-64~-59 (°)	-59.62 °
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager