

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-27 16:03:31

Date of Next Testing: 2027-04-26 16:03:31

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

CAS Number: 19165-11-8

Specifications & Purity: $\geq 95\%$

Lot #: D2318035

SKU #: **I120863**

Version: **1**

Analysis #: **197542**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.82800 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-64~-59 ($^{\circ}$)	-59.62000 $^{\circ}$
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager