

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-09 10:33:49
 Date of Next Testing: 2027-05-08 10:33:49
 Product Name: **2,3-O-Isopropylidene-D-erythroneolactone**
 CAS Number: 25581-41-3
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: D2324187
 SKU #: **O159978**
 Version: **0**
 Analysis #: **120485**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.43900 %
Melting point	66-70 (°C)	66.70000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-123--116 (°)	-119.01500 °
Appearance (O159978)	White to light yellow to orange to tan solid	White to light yellow to orange to tan solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager