

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-23 14:53:32
 Date of Next Testing: 2025-02-22 14:53:32
 Product Name: (+)-Dimethyl 2,3-O-isopropylidene-D-tartrate
 CAS Number: 37031-30-4
 Specifications & Purity: $\geq 95\%$ (GC)
 Lot #: B2316072
 SKU #: O133322
 Version: 0
 Analysis #: 155423
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.81600 %
Density (20°C)	1.188-1.197	1.19300
Refractive index n _{20/D}	1.438-1.441	1.43850
Specific Rotation [α] _{20/D} (c=Neat)	51-57 (°)	51.24500 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (O133322)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager