

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-13 14:54:43  
Date of Next Testing: 2030-03-12 14:54:43  
Product Name: **Dimethyl (-)-2,3-O-Isopropylidene-L-tartrate**  
CAS Number: 37031-29-1  
Specifications & Purity:  $\geq 95\%$ (GC)  
Lot #: F2209178  
SKU #: **D155495**  
Version: **0**  
Analysis #: **669256**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.438-1.441	1.43810
Purity(GC)	95-100 (%)	96.57600%
Specific Rotation [α] <sub>20</sub> /D(c=Neat)	-57--51 (°)	-56.80800°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager