

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-25 11:33:56
Date of Next Testing: 2030-02-24 11:33:56
Product Name: **Diethyl D-(-)-Tartrate**
CAS Number: 13811-71-7
Specifications & Purity: $\geq 99\%$
Lot #: D2228036
SKU #: **D119332**
Version: **0**
Analysis #: **655478**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] ₂₀ /D	-8.1--7.5 (°)	-8.09 °
Refractive index n ₂₀ /D	1.446-1.448	1.45
Specific gravity	1.206-1.21	1.21
Purity(GC)	99-100 (%)	99.21 %
Appearance (D119332)	Colorless to light yellow liquid	Colorless to light yellow liquid
Color test (10APHA)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager