

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-10 18:40:35
Date of Next Testing: 2029-11-09 18:40:35
Product Name: **(+)-Diethyl L-tartrate**
CAS Number: 87-91-2
Specifications & Purity: $\geq 99\%$
Lot #: K2504323
SKU #: **D120026**
Version: **0**
Analysis #: **384829**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=Neat)$	7.5-9.5 ($^{\circ}$)	9.50 $^{\circ}$
Refractive index $n_{20/D}$	1.444-1.448	1.45
Density (20 $^{\circ}$ C)	1.205-1.207	1.21
Purity(GC)	99-100 (%)	99.75%
Enantiometric Excess	99-100 (%)	99.00%
Appearance (D120026)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager