

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-14 15:13:25
 Date of Next Testing: 2029-11-13 15:13:25
 Product Name: **(+)-Diethyl L-tartrate**
 CAS Number: 87-91-2
 Specifications & Purity: $\geq 99\%$
 Lot #: K2504311
 SKU #: **D120026**
 Version: **0**
 Analysis #: **384829**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	7.5-9.5 (°)	9.50000 °
Refractive index $n_{20/D}$	1.444-1.448	1.44630
Density (20°C)	1.205-1.207	1.20600
Purity(GC)	99-100 (%)	99.75200 %
Enantiometric Excess	99-100 (%)	99.00000 %
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