

Certificate of Analysis

Date of Testing: 2025-04-10 10:33:35
Date of Next Testing: 2029-04-09 10:33:35
Product Name: **(+)-Diethyl L-tartrate**
CAS Number: 87-91-2
Specifications & Purity: $\geq 99\%$
Lot #: F2129299
SKU #: **D120026**
Version: **0**
Analysis #: **493287**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=Neat)$	7.5-9.5 ($^{\circ}$)	7.70 $^{\circ}$
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 (%)	99.22%
Enantiometric Excess	99-100 (%)	99.22%
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