

Certificate of Analysis

Date of Testing: 2022-10-24 15:59:03
Date of Next Testing: 2026-10-23 15:59:03
Product Name: **(+)-Diethyl L-tartrate**
CAS Number: 87-91-2
Specifications & Purity: 99%
Lot #: A1519012
SKU #: **D120026**
Analysis: **147821**

Parameter	Limit Values	Result
Specific Rotation [a] ₂₀ /D(c=Neat)	7.5-9.5 (°)	7.63°
Refractive index n ₂₀ /D	1.444-1.448	1.45
Density (20°C)	1.205-1.207	1.21
Purity(GC)	99-100 (%)	99.11%
Enantiometric Excess	99-100 (%)	99.17%
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