

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-12-04 15:12:08

Date of Next Testing: 2027-12-04 15:12:08

Product Name: (+)-Diethyl L-tartrate

CAS Number: 87-91-2

Specifications & Purity: 99%

Lot #: K2428057

SKU #: S51480

Version: 0

Analysis #: 443389

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=Neat)	7.5-9.5 (°)	8.62°
Refractive index n ₂₀ /D	1.444-1.448	1.45
Density (20°C)	1.205-1.207	1.21
Purity(GC)	99-100 (%)	99.43%
Enantiometric Excess	99-100 (%)	99.99%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(S51480)	Colorless to light yellow liquid	Colorless to light yellow liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

