

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-13 17:05:18

Date of Next Testing: 2030-06-12 17:05:18

Product Name: (-)-Ethyl L-lactate

CAS Number: 687-47-8

Specifications & Purity: $\geq 99\%$

Lot #: F2605178

SKU #: W21170

Version: 0

Analysis #: 728060

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.50 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	-11.5--10 (°)	-11.37 °
Refractive index $n_{20/D}$	1.412-1.414	1.41
Density (20°C)	1.034-1.038	1.03
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(W21170)	Colorless liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

