

Certificate of Analysis

Date of Testing: 2025-06-10 16:18:34

Date of Next Testing: 2029-06-09 16:18:34

Product Name: **(-)-Ethyl L-lactate**

CAS Number: 687-47-8

Specifications & Purity: $\geq 99\%$

Lot #: H2126090

SKU #: **E104554**

Version **0**

Analysis #: **522093**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.01 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	-11.5--10 (°)	-10.10 °
Refractive index $n_{20/D}$	1.412-1.414	1.41
Density (20°C)	1.034-1.038	1.03
Appearance (E104554)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager