

## Certificate of Analysis

Date of Testing: 2025-01-20 13:52:00  
Date of Next Testing: 2029-01-19 13:52:00  
Product Name: **(-)-Ethyl L-lactate**  
CAS Number: 687-47-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: E1702053  
SKU #: **E104551**  
Version: **0**  
Analysis #: **465177**

Parameter	Limit Values	Result
Density (20°C)	1.03-1.038	1.03
Refractive index n <sub>20</sub> /D	1.412-1.414	1.41
Purity(GC)	98-100 (%)	99.00%
Specific Rotation [α] <sub>14</sub> /D(c=Neat)	-11--9 (°)	-10.80°
Appearance (E104551)	Colorless to light yellow liquid	Colorless to light yellow liquid



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