

Specification

Technical Data Sheet

CAS 687-47-8	STORAGE Ambient	MOLECULAR WEIGHT 118.13
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PRODUCT**(–)-Ethyl L-lactate**

Product number	90031674
CAS number	687-47-8
Molecular formula	C ₅ H ₁₀ O ₃
Molecular weight	118.13 g/mol

PARAMETER	SPECIFICATION
Appearance	Colourless or light yellow transparent liquid
Acid Value (mg KOH/g)	≤ 5
Heavy Metals (Pb)	≤ 0.001 mg/kg
Moisture	≤ 0.5%
Odour	Light ether and butterlike aromas.
Optical Purity	≥ 98.0%
Purity (GC)	≥ 98.0%
Relative density 25 / 25°C	1.029 - 1.037
Solubility	Soluble in water, alcohol, ketone, ether, chloroform, grease
Arsenic (As)	≤ 0.0001 mg/kg
Refractive Index n₂₀ / D	1.4080 - 1.4220

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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