

Specification

Technical Data Sheet

CAS**867-56-1****STORAGE****2 to 8 °C****MOLECULAR WEIGHT****112.06****PRODUCT****Sodium L-Lactate 50% in HPG**

Product number	90033276
CAS number	867-56-1
Molecular formula	C ₃ H ₅ NaO ₃
Molecular weight	112.06 g/mol

PARAMETER**SPECIFICATION**

Appearance	Clear colourless liquid
Assay	98.0 - 102.0%
Density	1.260 - 1.290
Colour (Pt-Co)	≤ 15
pH	6.5 - 7.5
Chloride (Cl-)	≤ 0.005 w/%
Cyanide	≤ 0.5mg/kg
Iron (Fe)	≤ 10mg/kg
Methanol and methyl esters	≤ 0.005w/%
Stereochemical purity (L-isomer)	≥ 98.0%
Arsenic (As)	≤ 2mg/kg
Identification (IR)	Conforms to Reference
Lead (Pb)	≤ 0.2mg/kg
Sulphates (SO ₄)(2-)	≤ 0.002 w/%

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.

Molekula Ltd would like to thank you for your support of our products and service.

Reg No 6879903 VAT GB 744 9721 05