

QUALITY CERTIFICATE

Product name: L(+)-LACTIC ACID 90 %
Quality: Ph.Eur.11.0.
Package: 1000 g
Formula: C₃H₆O₃
Rel. mol. weight: 90,08
Lot No.: GI5157558
Manufacturing date: 03.2023.
Expiry date: 16.11.2026. (DMY)
Anal. No.: 16614H57558

	REQUIRED	MEASURED
Appearance:	colourless or slightly yellowish, thick liquid	colourless, thick liquid
Assay	88,0-92,0 %	90,1 %
Identification test 'A'	identical	identical
Identification test 'C'	identical	identical
Density (d ₂₀ ²⁰)	1,20-1,21 g/cm ³	1,205 g/cm ³
Solubility	miscible with water and with ethanol (96 per cent)	miscible with water and with ethanol (96 per cent)
Colour	max.Y6	<Y6
Insoluble in ether	passes test	passes test
Sugars, reducing substances	passes test	passes test
Citric acid, oxalic acid, phosphoric acid	passes test	passes test
Sulfate	max.200 ppm	<200 ppm
Calcium (Ca)	max.200 ppm	<200 ppm
Sulphated ash	max.0,1 %	0,00996 %

The Product complies with the requirements of Ph.Eur.11.0.

Kiállítva: Halásztelek, 2023.12.06.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
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