

# Specification

Item number: 8360

## L-Lactic acid

**≥98 %, for biochemistry**

CAS No.: 79-33-4

print date: 01.01.2024

formula:  $C_3H_6O_3$

density: 1,19

storage temperature: +4 °C

molecular weight: 90,08 g/mol

### Type analysis

<b>Appearance</b>	white to almost white cryst. powder
<b>Assay (titr.)</b>	≥98,0 %
<b>Appearance of solution (20 %, H<sub>2</sub>O)</b>	colourless to almost colourless
<b>Specific rotation <math>[\alpha]_D^{20}</math> (c=2,5 in 1,5 M NaOH)</b>	-15,0° to -13,0°
<b>Magnesium (Mg)</b>	≤0,05 %
<b>Sodium (Na)</b>	≤0,05 %
<b>Water (KF)</b>	≤0,5 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

*Head of Quality Assurance*

**S. Lorsee**

*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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