

# Specification

Item number: T204

## L-Ornithine monohydrochloride

**≥99 %, for biochemistry**

CAS No.: 3184-13-2

print date: 14.02.2024

formula:  $C_5H_{12}N_2O_2 \cdot HCl$

density: 1,42

molecular weight: 168,62 g/mol

### Type analysis

<b>Appearance</b>	white cryst. powder
<b>Assay (dry substance)</b>	99.0-101.0 %
<b>Appearance of solution</b>	clear, colourless
<b>Specific rotation <math>[\alpha]_D^{20}</math></b>	+23.3° to +25.0°
<b>pH-value</b>	5.0-6.0
<b>Ammonium (NH<sub>4</sub>)</b>	≤0.02 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤0.02 %
<b>Arsenic (As<sub>2</sub>O<sub>3</sub>)</b>	≤0.0001 %
<b>Iron (Fe)</b>	≤0.001 %
<b>Heavy metals (as Pb)</b>	≤0.001 %
<b>Loss on drying</b>	≤0.2 %
<b>Sulphated ash</b>	≤0.1 %

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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