

# Specification

Item number: 6288

L(+)-Ascorbic acid

≥99 %, Ph. Eur., USP, BP

CAS No.: 50-81-7

print date: 01.01.2024

formula:  $C_6H_8O_6$

density: 1,65

molecular weight: 176,12 g/mol

## Guarantee analysis

<b>Appearance</b>	white to almost white crystals
<b>Assay</b>	99,0-100,5 %
<b>Identity</b>	complies
<b>Appearance of solution</b>	complies
<b>Arsenic (As)</b>	≤0,0003 %
<b>Lead (Pb)</b>	≤0,001 %
<b>Iron (Fe)</b>	≤0,0002 %
<b>Copper (Cu)</b>	≤0,0005 %
<b>Heavy metals</b>	≤0,001 %
<b>Sulphated ash</b>	≤0,1 %
<b>Specific rotation <math>[\alpha]_D^{20}</math></b>	+20,5° to +21,5°
<b>Oxalic acid (C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>)</b>	≤0,2 %

## Related Substances:

<b>Impurities total C and D (each)</b>	≤0,15 %
<b>Impurities total (except C,D)</b>	≤0,2 %
<b>Related substances (unspecific impurities)</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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