

Specification

Item number: 6288

L(+)-Ascorbic acid

≥99 %, Ph. Eur., USP, BP

CAS No.: 50-81-7

print date: 17.02.2023

formula: $C_6H_8O_6$

density: 1,65

molecular weight: 176,12 g/mol

Guarantee analysis

Appearance	white to almost white crystals
Assay	99,0-100,5 %
Identity	complies
Appearance of solution	complies
Arsenic (As)	≤0,0003 %
Lead (Pb)	≤0,001 %
Iron (Fe)	≤0,0002 %
Copper (Cu)	≤0,0005 %
Heavy metals	≤0,001 %
Sulphated ash	≤0,1 %
Specific rotation $[\alpha]_D^{20}$	+20,5° to +21,5°
Oxalic acid (C₂H₂O₄)	≤0,2 %

Related Substances:

Impurities total C and D (each)	≤0,15 %
Impurities total (except C,D)	≤0,2 %
Related substances (unspecific impurities)	≤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.

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

