

neoFroxx GmbH

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Specification

Product	L(+)-Ascorbic acid
Brand	Labochem

Quality	p.A.
Product number	LC-10475
Synonym(s)	L-Ascorbic acid, Ascorbic acid, Ascorbate
Formula	C ₆ H ₈ O ₅
Molecular weight	176.12 g/mol
CAS number	50-81-7
Density	1.65 kg/l
Storage	below 25°C

Parameter	Specification
Appearance	white crystals
Assay	min. 99.0 %
Identity	complies
As	max. 0.0003 %
Cu	max. 0.0005 %
Fe	max. 0.0002 %
Pb	max. 0.0005 %
Heavy metals	max. 0.001 %
Oxalic acid (C ₂ H ₂ O ₄)	max. 0.2 %
Specific rotation α _{20/D}	+20,5° to +21,5°
pH (2 % in water)	2.2 - 2.8

Einhausen, 19.01.2019