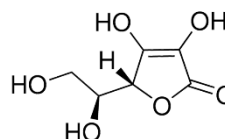


Product Specification

Product Name:

Ascorbic acid, *PurReagent* >98.0%

Product No.: PSR38473
Brand: PureSynth
CAS No.: 50-81-7
Molecular Formula: C₆H₈O₆
Molecular Weight: 176.12 g/mol



Test	Specification
Appearance	White to off-white Crystalline powder
Assay (By Titration)	> 98.0 %
Loss on Drying	NMT 0.1 %
Solubility (50 mg/mL, H ₂ O)	Colorless to Light Yellow Clear Solution
Melting Point	190 - 194 °C
Optical Rotation (C=10 % in H ₂ O)	20.5 ° - 21.5 °
Identification by IR	Conforms to Structure

Specification: PR-1.0-QA/642, Ver. 1.1, 01.06.2026

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.

For queries on this Specifications, please contact our technical team at technical@pure-synth.com