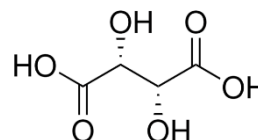


Product Specification

Product Name:

L-(+)-Tartaric acid ACS PurReagent, ≥99.5%

Product No.: PSR50418
Brand: PureSynth
CAS No.: 87-69-4
Molecular Formula: C₄H₆O₆
Molecular Weight: 150.09 g/mol



Test	Specification
Appearance	White Powder or Crystals
Assay (By GC)	≥ 99.5 %
Enantiomeric Excess	≥ 98.5 % EE
Specific Rotation (20/D) c = 20 %, Water	10.4 – 14.4 °
Insoluble Matter	NMT 0.005 %
Residue on Ignition	NMT 0.02 %
Identification by IR	Conforms to Structure
Oxalate Test	Complies
Iron	NMT 5.0 ppm
Total sulphur	NMT 0.002 %
Heavy metals (as Pb)	NMT 5.0 ppm
Chloride (Cl)	NMT 0.001 %
Phosphate (PO ₄)	NMT 0.001 %
Trace analysis (by ICP)	Complies
Meets ACS Requirements	Conforms

Specification: PR-1.0-QA/298

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