

Product Specification

Product Name:

Iron(II) sulfate heptahydrate, *PurReagent Plus*, meets analytical specification of EP, BP, USP, 99.5-104.5%

Product No.: PSR20757
Brand: PureSynth
CAS No.: 7782-63-0
Molecular Formula: $C_{14}H_{22}O_8$
Molecular Weight: 318.32 g/mol



Test	Specification
Appearance	Blue Green Solid
Assay	99.5 - 104.5 %
pH (5 %, 20°C)	3.0 - 4.0
Arsenic (As)	NMT 2.0 ppm
Calcium (Ca)	NMT 0.02 %
Chromium (Cr)	NMT 50 ppm
Chloride (Cl)	NMT 100 ppm
Cobalt (Co)	NMT 25 ppm
Copper (Cu)	NMT 30 ppm
Heavy metals (as Pb)	NMT 0.005 %
Iron (III)	NMT 0.2 %
Lead (Pb)	NMT 2.0 ppm
Magnesium (Mg)	NMT 0.02 %
Manganese (Mn)	NMT 0.1 %
Mercury (Hg)	NMT 1.0 ppm
Nickel (Ni)	NMT 50 ppm
Potassium (K)	NMT 0.002 %
Sodium (Na)	NMT 0.01 %
Zinc (Zn)	NMT 20 ppm
Residual solvents	Complies

Specification No.: PR-1.0-QA/085

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