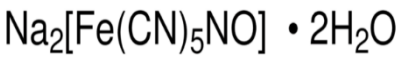
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PureSynth®
Research Chemicals

Product Specification

Product Name:
Sodium nitroprusside dihydrate Pur*Reagent* Plus, ACS, Ph. Eur., ≥99%

Product No.:	PSR49683
Brand:	PureSynth
CAS No.:	13755-38-9
Molecular Formula:	$Na_2[Fe(CN)_5NO] \cdot 2H_2O$
Molecular Weight:	297.95 g/mol



Test	Specification
Appearance	Dark violet crystalline powder
Assay	≥ 99.0 %
Water insoluble matter	NMT 0.01 %
Calcium (Ca)	NMT 10 ppm
Cadmium (Cd)	NMT 5 ppm
Chromium (Cr)	NMT 50 ppm
Chloride (Cl)	NMT 100 ppm
Cobalt (Co)	NMT 5 ppm
Copper (Cu)	NMT 5 ppm
Lead (Pb)	NMT 5 ppm
Magnesium (Mg)	NMT 5 ppm
Manganese (Mn)	NMT 5 ppm
Nickel (Ni)	NMT 5 ppm
Potassium (K)	NMT 3000 ppm
Sulfate (SO_4)	NMT 100 ppm
Zinc (Zn)	NMT 50 ppm
Hexacyanoferrate(II) ($[Fe(CN)_6]^{4-}$)	NMT 200 ppm
Hexacyanoferrate(III) ($[Fe(CN)_6]^{3-}$)	NMT 100 ppm

Specification No.: PR-1.0-QA/926

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