



Specification

Sodium Nitroferricyanide ACS

Catalog Number: SN1004
CAS Number: 13755-38-9
Synonyms: Nitroprusside sodium, SNP, Sodium nitroprusside, Sodium pentacyanonitrosylferrate
Molecular Formula: $\text{Na}_2(\text{NO})\text{Fe}(\text{CN})_5 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 297.95
Storage: 15°C – 30°C
Retest Period: Five years from the date of manufacturer

Test	Specification
Appearance	Ruby red crystals
Assay (Titration)	99.0 – 102.0%
Solubility (40g/100mL)	Clear, red solution
Insoluble Matter	$\leq 0.01\%$
Chloride	$\leq 0.02\%$
Sulfate	To meet requirements
Limit on Ferricyanide	To meet requirements
Limit on Ferrocyanide	To meet requirements

Approved:

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