



Certificate of Analysis

Sodium Nitroferricyanide ACS

Catalog Number: SN1004
Lot Number: 0114601
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
Date of Manufacture: February 25, 2013
Retest Date: February 25, 2018

Test	Specification	Result
Appearance	Ruby red crystals	Conforms
Assay (Titration)	99.0 – 102.0%	99.30%
Solubility (40g/100mL)	Clear, red solution	Conforms
Insoluble Matter	$\leq 0.01\%$	0.008%
Chloride	$\leq 0.02\%$	0.0009%
Sulfate	To meet requirements	Conforms
Limit on Ferricyanide	To meet requirements	Conforms
Limit on Ferrocyanide	To meet requirements	Conforms

Approved by:

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