

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Nitroprusside Dihydrate 99 % AR

Catalog Number : O-5199

Batch Number : 5199-00000000

CAS Number : 13755-38-9

Molecular Weight : 297.95 g/mol

Mol. Formula : $\text{Na}_2[\text{Fe}(\text{CN})_5\text{NO}]\cdot 2\text{H}_2\text{O}$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Red to bordeaux solid or crystals or powder	Bordeaux solid
2	Assay (argentometry)	99.0 - 102.0 %	100.25%
3	Solubility	100 mg soluble in 1 ml of water	complies
4	Water insoluble matter	max 0.01 %	0.006%
5	Chloride (Cl)	max 0.01 %	0.008%
6	Sulphate (SO_4)	max 0.01 %	0.007%
7	Ferricyanide ($\text{Fe}(\text{CN})_6^{3-}$)	max 0.01 %	< 0.01 %
8	Ferrocyanide ($\text{Fe}(\text{CN})_6^{4-}$)	max 0.02 %	< 0.02 %

Corresponds to AR/ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification

Reagent for the detection of many organic compounds such as acetone aldehyde also of alkali sulphides etc.

SUDIRO S.Si.
Manager QC