Certificate of Analysis

Nitroprusside (disodium dihydrate)

Cat. No.: HY-A0119
CAS No.: 13755-38-9
Batch No.: 262544

Chemical Name: Ferrate(2-), pentakis(cyano-kC)nitrosyl-, sodium, hydrate (1:2:2), (OC-6-22)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₄FeN₆Na₂O₃

Molecular Weight: 297.95

Storage: 4°C, sealed storage, away from moisture and light

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

Na₂[Fe(CN)₅NO].2H₂O

ANALYTICAL DATA

Appearance: Reddish brown to dark brown (Solid)

Purity (HPLC): 99.72%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

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