

Certificate of Analysis

Date of Testing: 2024-09-23 12:25:26

Date of Next Testing: 2027-09-23 12:25:26

Product Name: **Sodium Nitroprusside**

CAS Number: 14402-89-2

Specifications & Purity: $\geq 99\%$

Lot #: I2420411

SKU #: **S305727**

Version: **1**

Analysis #: **414236**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Assay	99-100 (%)	99.99 %
Water by Karl Fischer	0-2 (%)	0.59 %
Assay(Titration by AgNO ₃)	98.5-101.5 (%)	99.79 %
Appearance (S305727Color)	Light brown to Reddish brown to dark brown to Orange red to red	Light brown to Reddish brown to dark brown to Orange red to red
Appearance (S305727Form)	Solid	Solid
ICP: Confirms Fe	Confirmed	Confirmed
Components		
ICP: Confirms Sodium	Confirmed	Confirmed
Component		
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager