

Certificate of Analysis

Date of Testing: 2024-02-23 10:13:15
Date of Next Testing: 2028-02-22 10:13:15
Product Name: **4-Nitro-o-phenylenediamine**
CAS Number: 99-56-9
Specifications & Purity: 97%
Lot #: D2021117
SKU #: **N109498**
Analysis: **322808**

Parameter	Limit Values	Result
2,4-Dinitroaniline	0-1 (%)	0.51%
Purity(HPLC)	97-100 (%)	98.37500%
Melting point	198-205 (°C)	204.90000 °C
Appearance (N109498)	Orange to Red powder	Orange to Red powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH/1N HCl (3/2)	Orange to Dark Red Brown, Clear to Turbid, 50mg/ml	Orange to Dark Red Brown, Clear to Turbid, 50mg/ml



John Su
QA & QC Manager