

Certificate of Analysis

Date of Testing: 2025-02-12 14:57:42

Date of Next Testing: 2029-02-11 14:57:42

Product Name: **4-Nitro-1,2-phenylenediamine Monohydrochloride [Sensitive reagent for the determination of Se by GC-ECD]**

CAS Number: 53209-19-1

Specifications & Purity: $\geq 99.0\%(T)$

Lot #: B2506378

SKU #: **N159189**

Version: **1**

Analysis #: **404952**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87500 %
Purity(Argentometric Titration)	99-102.5 (%)	102.47500 %
Appearance (N159189)	White to Brown powder to crystal	White to Brown powder to crystal
Solubility in 1 M HCl	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager