

Certificate of Analysis

Date of Testing: 2025-01-13 16:33:02
 Date of Next Testing: 2029-01-12 16:33:02
 Product Name: **3,4-Diaminothiophene Dihydrochloride**
 CAS Number: 90069-81-1
 Specifications & Purity: $\geq 97\%$
 Lot #: C2124078
 SKU #: **D123869**
 Version: **1**
 Analysis #: **462091**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	14-16.1 (%)	14.90 %
Carbon by Elemental Analysis	24.4-26.2 (%)	24.40 %
Purity(HPLC)	97-100 (%)	99.20000 %
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	96.50 %
Appearance (D123869)	White to Green to Beige to Brown Solid	White to Green to Beige to Brown Solid
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager