

Certificate of Analysis

Date of Testing: 2025-03-07 17:41:16

Date of Next Testing: 2029-03-06 17:41:16

Product Name: **8-Mercaptoquinoline Hydrochloride [Extraction-spectrophotometric and fluorimetric reagent for soft metals]**

CAS Number: 34006-16-1

Specifications & Purity: $\geq 95\%$ (T)

Lot #: C2505401

SKU #: **M158024**

Version: **0**

Analysis #: **483131**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(total nitrogen)	95-100 (%)	96.27 %
Carbon	50.86-58.51 (%)	55.12 %
Sulfur by Elemental Analysis	15.07-17.34 (%)	15.17 %
Appearance (M158024)	Yellow to Yellow-Green Powder or Crystals	Yellow to Yellow-Green Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager