

Certificate of Analysis

Date of Testing: 2025-05-13 16:37:33
Date of Next Testing: 2029-05-12 16:37:33
Product Name: **Mercaptosuccinic acid**
CAS Number: 70-49-5
Specifications & Purity: $\geq 98\%$
Lot #: E2509275
SKU #: **M109507**
Version **1**
Analysis #: **384272**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.60 %
Melting point	152-155 (°C)	154.70000 °C
Appearance (M109507)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear to hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager