

Certificate of Analysis

Date of Testing: 2023-11-02 16:17:35
 Date of Next Testing: 2025-11-01 16:17:35
 Product Name: **5-Chloro-2-mercaptobenzothiazole**
 CAS Number: 5331-91-9
 Specifications & Purity: $\geq 96.0\%$
 Lot #: A2226090
 SKU #: **C136368**
Analysis: 291549

Parameter	Limit Values	Result
Purity(O ₂ AgNO ₃ titration with after combustion)	95.5-104.5 (%)	96.35%
Purity(HPLC)	96-100 (%)	96.89000%
Melting point	198-204 (°C)	198.18000 °C
Appearance (C136368)	White to Yellow, Green to Brown Powder or Crystals	White to Yellow, Green to Brown Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH , very faint turbidity	pass	Pass



John Su
QA & QC Manager