

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-14 11:49:15
 Date of Next Testing: 2026-12-13 11:49:15
 Product Name: **4-Hydroxy-2-mercapto-6-methylpyrimidine**
 CAS Number: 56-04-2
 Specifications & Purity: $\geq 98\%$
 Lot #: D2314564
 SKU #: **H109550**
 Version: **0**
 Analysis #: **167889**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.04200 %
Sulfur by Elemental Analysis	22.1-23 (%)	22.52000 %
Carbon by Elemental Analysis	40.9-42.7 (%)	41.28000 %
Nitrogen by Elemental Analysis	18.8-20.2 (%)	19.60200 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.52000 %
Hydrogen by Elemental Analysis	3.7-4.8 (%)	4.35000 %
Appearance (H109550)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager