

## Certificate of Analysis

Date of Testing: 2024-12-16 11:20:54  
Date of Next Testing: 2028-12-15 11:20:54  
Product Name: **Ninhydrin**  
CAS Number: 485-47-2  
Specifications & Purity: AR  
Lot #: L2410649  
SKU #: **N105629**  
Version: **0**  
Analysis #: **449869**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.02 %
Carbon by Elemental Analysis	59.5-61.9 (%)	60.50 %
Purity(Oxime Formation)	98-100 (%)	99.60 %
Appearance (N105629)	White to Yellow to Tan Powder, Crystals or Chunks	White to Yellow to Tan Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to amino acid	passes test	Passes test
Solubility in EtOH , Dark yellow to green,clear,400mg plus 4ml	pass	Pass



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QA & QC Manager