

## Certificate of Analysis

Date of Testing: 2024-10-23 09:59:57  
Date of Next Testing: 2028-10-22 09:59:57  
Product Name: **Ninhydrin**  
CAS Number: 485-47-2  
Specifications & Purity: AR  
Lot #: J2416604  
SKU #: **N105629**  
Version: **0**  
Analysis #: **425647**  
Storage Temperature: Store at 2-8°C

| Parameter   | Limit Values   | Result   |
|---|--|--|
| Ignition Residue (as sulfate)                                     | 0-0.2 (%)  | 0.01%  |
| Carbon by Elemental Analysis                                      | 59.5-61.9 (%)  | 60.25%   |
| Purity(Oxime Formation)   | 98-100 (%)   | 98.92%   |
| Appearance (N105629)  | White to Yellow to Tan Powder,<br>Crystals or Chunks | White to Yellow to Tan Powder,<br>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<br>green,clear,400mg plus 4ml | pass   | Pass   |



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