

## Certificate of Analysis

Date of Testing: 2025-07-22 13:44:21  
Date of Next Testing: 2029-07-21 13:44:21  
Product Name: **Bathocuproine**  
CAS Number: 4733-39-5  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2507094  
SKU #: **B106279**  
Version: **0**  
Analysis #: **403446**  
Storage Temperature: Argon charged

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Melting point   | 277-285 (°C)          | 284.90000 °C          |
| Purity(HPLC)  | 98-100 (%)            | 99.44300 %            |
| Appearance (B106279)  | yellow powder         | yellow powder         |
| Proton NMR spectrum   | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH , Colorless to Yellow,Clear to Hazy,36mg/100ml | pass                  | Pass                  |
| Infrared spectrum   | Conforms to Structure | Conforms to Structure |



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