

## Certificate of Analysis

Date of Testing: 2025-06-10 15:57:17  
Date of Next Testing: 2029-06-09 15:57:17  
Product Name: **Cobalt(II) acetylacetonate hydrate**  
CAS Number: 123334-29-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2124195  
SKU #: **C140817**  
Version: **0**  
Analysis #: **522073**

Parameter	Limit Values	Result
Purity(Chelometric Titration)	98-102 (%)	99.10 %
Carbon by Elemental Analysis	39-44 (%)	41.00 %
Water by Karl Fischer	4-15 (%)	13.40 %
Appearance (C140817)	Dark Peach to Maroon or Purple Powder or Crystals	Dark Peach to Maroon or Purple Powder or Crystals
ICP: Confirms Cobalt Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL3	almost transparency	almost transparency



John Su  
QA & QC Manager