

Certificate of Analysis

Date of Testing: 2025-01-10 15:48:49

Date of Next Testing: 2029-01-09 15:48:49

Product Name: **Cobalt(II) acetylacetonate hydrate**

CAS Number: 123334-29-2

Specifications & Purity: $\geq 98\%$

Lot #: C2124186

SKU #: **C140817**

Version: **0**

Analysis #: **461119**

Parameter	Limit Values	Result
Purity(Chelometric Titration)	98-102 (%)	100.10 %
Carbon by Elemental Analysis	39-44 (%)	41.10 %
Water by Karl Fischer	4-15 (%)	11.60 %
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