

Certificate of Analysis

Date of Testing: 2023-02-22 17:32:12
Date of Next Testing: 2027-02-21 17:32:12
Product Name: **Cobalt(II) acetylacetonate hydrate**
CAS Number: 123334-29-2
Specifications & Purity: >98.0%
Lot #: B2313016
SKU #: **C140817**
Analysis: **049993**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39-44 (%)	41.07 %
Water by Karl Fischer	4-15 (%)	12.55 %
Purity(Chelometric Titration)	98-102 (%)	98.46 %
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