

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-01 16:18:11  
Date of Next Testing: 2029-10-31 16:18:11  
Product Name: **Cobalt(II) acetylacetonate hydrate**  
CAS Number: 123334-29-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2129222  
SKU #: **C140817**  
Version: **0**  
Analysis #: **592296**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39-44 (%)	42.53 %
Water by Karl Fischer	4-15 (%)	13.46 %
Purity(Chelometric Titration)	98-102 (%)	100.22 %
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
Solubility in CHCL3	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager