

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 14:04:27
 Date of Next Testing: 2029-10-08 14:04:27
 Product Name: **Cobalt(II) acetylacetonate hydrate**
 CAS Number: 123334-29-2
 Specifications & Purity: $\geq 98\%$
 Lot #: L2129223
 SKU #: **C140817**
 Version: **0**
 Analysis #: **584324**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Chelometric Titration)	98-102 (%)	98.45800 %
Carbon by Elemental Analysis	39-44 (%)	41.06800 %
Water by Karl Fischer	4-15 (%)	12.55000 %
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