

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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 #: H2124199
 SKU #: **C140817**
 Version: **0**
 Analysis #: **522073**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Chelometric Titration)	98-102 (%)	99.10000 %
Carbon by Elemental Analysis	39-44 (%)	41.00000 %
Water by Karl Fischer	4-15 (%)	13.40000 %
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 CHCL ₃	almost transparency	almost transparency



John Su
QA & QC Manager