

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-14 15:21:40  
Date of Next Testing: 2027-11-14 15:21:40  
Product Name: **Acetylacetone cobalt(II) dihydrate**  
CAS Number: 67378-21-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2404556  
SKU #: **A353927**  
Version: **1**  
Analysis #: **437620**

Parameter	Limit Values	Result
Purity(Chelometric Titration)	97.5-102.5 (%)	98.46 %
Water by Karl Fischer	10-14 (%)	12.55 %
Appearance(A353927)	Dark Peach to Maroon or Purple to Light yellow to Brown Powder or Crystals	Dark Peach to Maroon or Purple to Light yellow to Brown Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Cobalt Component	Confirmed	Confirmed



John Su  
QA & QC Manager