

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-13 18:59:52

Date of Next Testing: 2030-01-12 18:59:52

Product Name: **Cobalt(II) acetylacetonate**

CAS Number: 14024-48-7

Specifications & Purity: $\geq 97\%$

Lot #: A2609067

SKU #: **C106181**

Version: **3**

Analysis #: **537358**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter | Limit Values | Result |
|---|-----------------------------------|-----------------------------------|
| Water by Karl Fischer | 0-3.5 (%) | 3.48000 % |
| Assay(Complexometric EDTA) | 96.5-103.5 (%) | 96.69000 % |
| Carbon by Elemental Analysis(anhydrous) | 44.3-48.3 (%) | 45.09300 % |
| Appearance (C106181) | Violet to Purple Powder or Chunks | Violet to Purple Powder or Chunks |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| ICP: Confirms Cobalt Component | Confirmed | Confirmed |



John Su
QA & QC Manager