

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-09 18:26:41

Date of Next Testing: 2030-06-08 18:26:41

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

CAS Number: 14024-48-7

Specifications & Purity:  $\geq 97\%$

Lot #: F2601279

SKU #: **C106181**

Version: **3**

Analysis #: **722115**

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

| Parameter                               | Limit Values                      | Result                            |
|-----------------------------------------|-----------------------------------|-----------------------------------|
| Water by Karl Fischer                   | 0-3.5 (%)                         | 3.00420 %                         |
| Assay(Complexometric EDTA)              | 96.5-103.5 (%)                    | 98.36000 %                        |
| Carbon by Elemental Analysis(anhydrous) | 44.3-48.3 (%)                     | 45.59000 %                        |
| 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