

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-18 10:01:36  
Date of Next Testing: 2026-08-17 10:01:36  
Product Name: **Cobalt(II) acetylacetonate**  
CAS Number: 14024-48-7  
Specifications & Purity: 97%  
Lot #: H2205870  
SKU #: **C106181**  
**Analysis: 118044**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	2.76 %
Cobalt(Co)	22.2-23 (%)	22.86 %
Carbon by Elemental Analysis	45.1-48.3 (%)	45.64 %
Purity	97-100 (%)	99.88 %
Appearance (C106181)	Violet to Purple Powder or Chunks	Violet to Purple Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> , transparent solution	pass	Pass



John Su  
QA & QC Manager