

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-18 16:16:32  
Date of Next Testing: 2028-02-17 16:16:32  
Product Name: **Cobalt(II) acetylacetonate**  
CAS Number: 14024-48-7  
Specifications & Purity: 97%  
Lot #: B2401205  
SKU #: **C106181**  
**Analysis:** **320658**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	2.60 %
Cobalt(Co)	21.75-23.36 (%)	22.52 %
Carbon by Elemental Analysis	45.1-48.3 (%)	46.02 %
Purity	97-100 (%)	98.28 %
Appearance (C106181)	Violet to Purple Powder or Chunks	Violet to Purple Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager