

Certificate of Analysis

Date of Testing: 2022-11-12 10:07:34
Date of Next Testing: 2026-11-11 10:07:34
Product Name: **Cobalt(II) acetylacetonate**
CAS Number: 14024-48-7
Specifications & Purity: 97%
Lot #: K2207102
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 ₃ , transparent solution	pass	Pass



John Su
QA & QC Manager