

## Certificate of Analysis

Date of Testing: 2024-02-18 15:48:56  
Date of Next Testing: 2028-02-17 15:48:56  
Product Name: **Cobalt(II) acetylacetonate**  
CAS Number: 14024-48-7  
Specifications & Purity: 97%  
Lot #: B2401203  
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             |



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