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## Product Specification

Product Name:  
Cobalt(II) thiocyanate - 96%

**Product Number:** 216135  
**CAS Number:** 3017-60-5  
**MDL:** MFCD00010937  
**Formula:** C<sub>2</sub>CoN<sub>2</sub>S<sub>2</sub>  
**Formula Weight:** 175.1 g/mol



| TEST   | Specification  |
|--|--|
| Appearance (Color)<br>Dark Tan to Brown to Red-Brown | Conforms to Requirements   |
| Appearance (Form)                                    | Powder   |
| Infrared spectrum                                    | Conforms to Structure  |
| Complexometric EDTA<br>% Co                          | 32.1 - 35.2 %  |
| Solubility (Turbidity)<br>c = 100 mg/ml; Water       | Clear to Very Slightly Hazy                                      |
| Solubility (Color)                                   | Dark Red to Very Dark Red and Dark<br>Purple to Very Dark Purple |

Specification Date : 05/04/2011

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.