

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2023-02-16 20:40:16  
Date of Next Testing: 2027-02-15 20:40:16  
Product Name: **Cobalt oxide**  
CAS Number: 1308-06-1  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: B2313537  
SKU #: **C111614**  
Version: **0**  
Analysis #: **170789**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impuritie	0-200 (ppm)	188.00000 ppm
Complexometric EDTA (% Co)	72-74 (%)	72.21000 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99000 %
Appearance (C111614)	Grey to Black Powder and/or Chunks	Grey to Black Powder and/or Chunks
ICP: Confirms Cobalt Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager