

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-25 10:33:18

Date of Next Testing: 2027-09-24 10:33:18

Product Name: **Cobalt oxide**

CAS Number: 1308-06-1

Specifications & Purity: $\geq 99.5\%$ metals basis, 50nm

Lot #: I2321100

SKU # **C111615**

Version **0**

Analysis #: **280828**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	30-70 (nm)	32.78000 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.72160 %
Total Metallic Impuritie	0-5000 (ppm)	2784.00000 ppm
Complexometric EDTA (Co)	71.6-75.2 (%)	71.90000 %
Appearance (C111615)	black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager