

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-07 16:44:04

Date of Next Testing: 2027-01-06 16:44:04

Product Name: **Cobalt oxide**

CAS Number: 1308-06-1

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

Lot #: A2305249

SKU #: **C111615**

Version: **0**

Analysis #: **164671**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	30-70 (nm)	41.10000 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.84430 %
Total Metallic Impuritie	0-5000 (ppm)	1557.00000 ppm
Complexometric EDTA (Co)	71.6-75.2 (%)	73.23000 %
Appearance (C111615)	black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager