

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 21:46:09

Date of Next Testing: 2027-02-09 21:46:09

Product Name: **Cobalt carbonate hydrate**

CAS Number: 57454-67-8

Specifications & Purity: CP

Lot #: B2307034

SKU #: **C102101**

Version: **0**

Analysis #: **187559**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Co(Compleximetric EDTA)	45.5-50.6 (%)	47.28000 %
Sulfate(SO42-)	0-0.05 (%)	0.01600 %
Zinc(Zn)	0-0.05 (%)	0.01600 %
Heavy metal (as Pb)	0-0.01 (%)	0.00200 %
Alkali and alkalierath metals	0-0.75 (%)	0.72000 %
Insoluble matter in hydrochloric	0-0.02 (%)	0.00400 %
Iron(Fe)	0-100 (ppm)	35.80000 ppm
(NO3)Nitrate	0-0.05 (%)	0.00590 %
Nickel(Ni)	0-0.5 (%)	0.07200 %
(Pb)Lead	0-0.01 (%)	0.00300 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager