

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-06 19:18:39
 Date of Next Testing: 2027-01-05 19:18:39
 Product Name: **Cobalt carbonate hydrate**
 CAS Number: 57454-67-8
 Specifications & Purity: CP
 Lot #: A2304504
 SKU #: **C102101**
 Version: **0**
 Analysis #: **310933**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Co(Complexiometric EDTA)	45.5-50.6 (%)	46.79000 %
Sulfate(SO42-)	0-0.05 (%)	0.00000 %
Zinc(Zn)	0-0.05 (%)	0.00000 %
Heavy metal (as Pb)	0-0.01 (%)	0.00000 %
Alkali and alkalierath metals	0-0.75 (%)	0.00100 %
Insoluble matter in hydrochloric	0-0.02 (%)	0.00110 %
Iron(Fe)	0-100 (ppm)	53.00000 ppm
(NO3)Nitrate	0-0.05 (%)	0.00200 %
Nickel(Ni)	0-0.5 (%)	0.00180 %
(Pb)Lead	0-0.01 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager