

Certificate of Analysis

Date of Testing: 2023-03-10 19:57:49

Date of Next Testing: 2027-03-09 19:57:49

Product Name: **Cobalt carbonate hydrate**

CAS Number: 57454-67-8

Specifications & Purity: Analytical Reagent

Lot #: C2308446

SKU #: **C102102**

Analysis: **200591**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Nickel(Ni)	0-0.2 (%)	0.07 %
Heavy metals	0-50 (ppm)	10.00 ppm
(NO3)Nitrate	0-0.03 (%)	0.03 %
Chloride (Cl-)	0-0.003 (%)	0.00 %
Zinc(Zn)	0-0.03 (%)	0.01 %
Insoluble matter in hydrochloric	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.01 %
Sulfate(SO42-)	0-0.03 (%)	0.02 %
Alkali and alkali earth metals	0-0.5 (%)	0.45 %
Co(Compleximetric EDTA)	45.5-50.6 (%)	49.62 %
(Pb)Lead	0-0.005 (%)	0.00 %
Appearance (C102102)	Pink to Purple Powder	Pink to Purple Powder
ICP: Confirms Cobalt Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager