

Certificate of Analysis

Date of Testing: 2022-01-19 16:08:14

Date of Next Testing: 2026-01-18 16:08:14

Product Name: **Cobalt carbonate hydrate**

CAS Number: 57454-67-8

Specifications & Purity: Analytical Reagent

Lot #: A2218244

SKU #: **C102102**

Analysis: **068647**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Nickel(Ni)	0-0.2 (%)	0.10 %
Heavy metals	0-50 (ppm)	45.52 ppm
(NO3)Nitrate	0-0.03 (%)	0.01 %
Chloride (Cl-)	0-0.003 (%)	0.00 %
Zinc(Zn)	0-0.03 (%)	0.02 %
Insoluble matter in hydrochloric	0-0.01 (%)	0.01 %
Iron(Fe)	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.03 (%)	0.01 %
Alkali and alkali earth metals	0-0.5 (%)	0.36 %
Co(Compleximetric EDTA)	45.5-50.6 (%)	45.84 %
(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