

Certificate of Analysis

Date of Testing: 2023-05-09 09:47:45

Date of Next Testing: 2027-05-08 09:47:45

Product Name: **Cobalt carbonate hydrate**

CAS Number: 57454-67-8

Specifications & Purity: Chemically Pure

Lot #: G1924158

SKU #: **C102101**

Analysis: **219742**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Co(Complexiometric EDTA)	45.5-50.6 (%)	47.28 %
Sulfate(SO42-)	0-0.05 (%)	0.02 %
Zinc(Zn)	0-0.05 (%)	0.02 %
Heavy metal (as Pb)	0-0.01 (%)	0.00 %
Alkali and alkalierath metals	0-0.75 (%)	0.72 %
Insiluble matter in hydrochloric	0-0.02 (%)	0.00 %
Iron(Fe)	0-100 (ppm)	35.80 ppm
(NO3)Nitrate	0-0.05 (%)	0.01 %
Nickel(Ni)	0-0.5 (%)	0.07 %
(Pb)Lead	0-0.01 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager