

Certificate of Analysis

Date of Testing: 2025-06-11 09:31:20

Date of Next Testing: 2029-06-10 09:31:20

Product Name: **Cobalt carbonate hydrate**

CAS Number: 57454-67-8

Specifications & Purity: CP

Lot #: H2126071

SKU #: **C102101**

Version: **0**

Analysis #: **522142**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Co(Complexiometric EDTA)	45.5-50.6 (%)	49.60 %
Sulfate(SO42-)	0-0.05 (%)	0.02 %
Zinc(Zn)	0-0.05 (%)	0.03 %
Heavy metal (as Pb)	0-0.01 (%)	0.00 %
Alkali and alkalierath metals	0-0.75 (%)	0.50 %
Insoluble matter in hydrochloric	0-0.02 (%)	0.00 %
Iron(Fe)	0-100 (ppm)	50.00 ppm
(NO3)Nitrate	0-0.05 (%)	0.02 %
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