

## Certificate of Analysis

Date of Testing: 2023-10-18 10:57:58  
Date of Next Testing: 2027-10-17 10:57:58  
Product Name: **Nickel carbonate, basic hydrate**  
CAS Number: 12607-70-4  
Specifications & Purity: Analytical Reagent  
Lot #: J2310065  
SKU #: **N105103**  
Analysis: **286952**

Parameter	Limit Values	Result
Alkali and Alkaliearth metals(With sulfate plan)	0-0.4 (%)	0.23 %
Cobalt(Co)	0-0.05 (%)	0.04 %
Zinc(Zn)	0-0.05 (%)	0.00 %
Assay(Ni)	44-55 (%)	45.45 %
Insoluble matter in HCl	0-0.01 (%)	0.01 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager