

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-15 09:47:44
Date of Next Testing: 2028-07-14 09:47:44
Product Name: **Cobalt chloride hexahydrate**
CAS Number: 7791-13-1
Specifications & Purity: ACS reagent, 98%
Lot #: I2016013
SKU #: **C116459**
Version: **0**
Analysis #: **387312**

| Parameter | Limit Values | Result |
|--------------------------------|---|---|
| Sulfate(SO42-) | 0-0.01 (%) | 0.00 % |
| Insoluble matter: (10% in H2O) | 0-0.01 (%) | 0.00 % |
| Iron(Fe) | 0-0.005 (%) | 0.00 % |
| Sodium(Na) | 0-0.05 (%) | 0.02 % |
| Nickel(Ni) | 0-0.1 (%) | 0.03 % |
| Copper(Cu) | 0-0.002 (%) | 0.00 % |
| Potassium(K) | 0-0.01 (%) | 0.00 % |
| Calcium(Ca) | 0-0.005 (%) | 0.00 % |
| Zinc(Zn) | 0-0.03 (%) | 0.01 % |
| Assay(Complexometric EDTA) | 97.5-102.5 (%) | 98.18 % |
| Magnesium(Mg) | 0-0.005 (%) | 0.00 % |
| (NO3)Nitrate | 0-0.01 (%) | 0.00 % |
| Appearance (C116459) | Red to purple Powder or Solid or Crystals | Red to purple Powder or Solid or Crystals |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager