

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-23 08:48:37
 Date of Next Testing: 2027-11-22 08:48:37
 Product Name: **Cobalt sulfate heptahydrate**
 CAS Number: 10026-24-1
 Specifications & Purity: AR, ≥99%
 Lot #: K2320181
 SKU #: **C116455**
 Version: **0**
 Analysis #: **298326**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-0.005 (%)	0.00200 %
Total Nitrogen	0-0.05 (%)	0.01730 %
Purity Titration by EDTA	99-100 (%)	99.99400 %
Chloride (Cl-)	0-0.002 (%)	0.00010 %
Zinc(Zn)	0-0.005 (%)	0.00020 %
Sodium(Na)	0-0.01 (%)	0.00500 %
Manganese(Mn)	0-0.005 (%)	0.00000 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Nickel(Ni)	0-0.01 (%)	0.00600 %
Copper(Cu)	0-0.001 (%)	0.00000 %
Appearance (C116455)	orange to red or brown powder or chunks	orange to red or brown powder or chunks
Solubility in H2O , Pink to Red,Clear to Very Slightly Hazy,100 mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager