

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-11-23 13:32:15
Date of Next Testing:	2027-11-22 13:32:15
Product Name:	Cobalt sulfate heptahydrate
CAS Number:	10026-24-1
Specifications & Purity:	AR, ≥99%
Lot #:	K2320173
SKU #	C116455
Version	0
Analysis #:	298441
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-0.005 (%)	0.00020 %
Total Nitrogen	0-0.05 (%)	0.00400 %
Purity Titration by EDTA	99-100 (%)	99.99400 %
Chloride (Cl-)	0-0.002 (%)	0.00030 %
Zinc(Zn)	0-0.005 (%)	0.00010 %
Sodium(Na)	0-0.01 (%)	0.00060 %
Manganese(Mn)	0-0.005 (%)	0.00010 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00020 %
Iron(Fe)	0-0.001 (%)	0.00002 %
Nickel(Ni)	0-0.01 (%)	0.00050 %
Copper(Cu)	0-0.001 (%)	0.00005 %
Appearance (C116455)	orange to red or brown powder or chunks	orange to red or brown powder or chunks
Solubility in H ₂ O , 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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager