

## Certificate of Analysis

Date of Testing:	2024-12-17 17:09:28
Date of Next Testing:	2028-12-16 17:09:28
Product Name:	<b>Cobalt sulfate heptahydrate</b>
CAS Number:	10026-24-1
Specifications & Purity:	AR, ≥99%
Lot #:	L2411453
SKU #	<b>C116455</b>
Version	<b>0</b>
Analysis #:	<b>350794</b>

Parameter	Limit Values	Result
Calcium(Ca)	0-0.005 (%)	0.00 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
Manganese(Mn)	0-0.005 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.01 %
Iron(Fe)	0-0.001 (%)	0.00 %
Nickel(Ni)	0-0.01 (%)	0.00 %
Copper(Cu)	0-0.001 (%)	0.00 %
Total Nitrogen	0-0.05 (%)	0.03 %
Purity Titration by EDTA	99-100 (%)	99.50 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
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



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

John Su  
QA & QC Manager