

LANGFANG NABO CHEMICAL TECHNOLOGY CO., LTD

Certificate of analysis

No. NBCOA20201011-02

English name	Cobalt(II) sulfate heptahydrate		
Molecular formula	CoSO ₄ · 7H ₂ O	Molar weight	281.10
Sample source	NABOCHEM	Lot number	20201011
Appearance	A reddish crystal with a brownish yellowish hue		
Sampling date	Oct 12,2020	Report date	Oct 15,2020
Test items			
Test standards		Test results	
Assay(CoSO ₄ ·7H ₂ O) /%	≥99.5	99.7	
Water insoluble /%	≤0.005	0.003	
Chloride(Cl) /%	≤0.002	0.000 8	
Total nitrogen(N) /%	≤0.05	0.023	
Sodium(Na) /%	≤0.01	0.008 7	
Calcium(Ca) /%	≤0.005	0.002 5	
Manganese(Mn) /%	≤0.005	0.003 2	
Iron(Fe) /%	≤0.001	0.000 4	
Nickel(Ni) /%	≤0.01	0.004 7	
Copper(Cu) /%	≤0.001	0.000 5	
Zinc(Zn) /%	≤0.005	0.003 3	
Conclusion: Up to grade	Analyst: Chen S.Q.	Responsible person: Ma Z.X.	
Remarks: AR			