Certificate of Analysis

An ISO 9001:2015 & ISO 14001:2015 Certified Company

Product Name	: COPPER SULPHATE PENTAHYDRATE AR	**Product Code**	: 90147- 500 G
Batch Number	: F25J099	**CAS Number**	: 7758-99-8
Molecular Formula	: $CuSO_{4\cdot5}H_2O$	**Molecular Weight**	: 249.68
Mfg. Month & Year	: September, 2025	**Exp. Month & Year**	: August, 2030

Test	Results	Specification
APPEARANCE	Complies	Blue crystals or crystalline powder.
APPEARANCE OF SOLUTION	Complies	Solution of 5 g in 50 ml water is bright and clear
GUARANTEED ANALYSIS		
ASSAY	99.63%	NLT 99.5%
pH (5% aqueous solution)	4.270	NLT 3.8
IDENTIFICATION	Complies	Passes Test
MAXIMUM LIMITS OF IMPURITIES		
INSOLUBLE MATTER	0.0016%	0.003%
ARSENIC(As)	< 0.00001%	0.00001%
CHLORIDE(Cl)	< 0.0005%	0.0005%
TOTAL NITROGEN (N)	< 0.002%	0.002%
CALCIUM(Ca)	< 0.001%	0.001%
IRON(Fe)	< 0.005%	0.005%
LEAD(Pb)	< 0.005%	0.005%
MAGNESIUM(Mg)	< 0.001%	0.001%
NICKEL(Ni)	< 0.002%	0.002%
POTASSIUM(K)	< 0.001%	0.001%
SODIUM(Na)	< 0.005%	0.005%
ZINC(Zn)	< 0.002%	0.002%

REMARKS:
This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.



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