

AARTI DYE CHEM

B-56, Kiran Park Society, Near Nalanda School, Punagam, Surat-395010

Web.: www.aartichempharma.com E-mail : info@aartichempharma.com , Contact No. : +91 96870 52936

CERTIFICATE OF ANALYSIS

NAME OF PRODUCT : COPPER SULPHATE PENTAHYDRATE USP			
B.NO/L NO.	13AD/2021		
MFG. DATE	APRIL-2021	EXP. DATE	MARCH -2024

ANALYSIS AS PER USP

NO.	Test	Observation.	Specification
1	Description	Blue, crystalline powder or transparent, blue crystals.	Blue, crystalline powder or transparent, blue crystals
2	Solubility	Freely soluble in water, soluble in methanol, practically insoluble in ethanol (96%)	Freely soluble in water, soluble in methanol, practically insoluble in ethanol (96%)
3	Identification	A. Complies B. Complies C. Complies	A) The precipitate dissolves and a dark blue colour is produced. B) Complies with LOD value C) Gives the reaction of sulphate
4.	Appearance of solution	Complies	Solution S is clear.
5	Chlorides	Within limit	Max 100 ppm
6.	Iron	Within limit	Max 100 ppm
7	Lead	Within limit	Max 50 ppm
8.	Loss on Drying	35.53 %	35.0 % - 36.5 %
9.	Assay	99.34 %	99.0 % to 102.0 %

Remark: The product **COMPLIES / DOES NOT COMPLY** as per **USP** Specification.
This is computer generator signatory dose not mandatory.