

**UNIT 1 :-Plot no.1456, At & Post Dabhasa, Taluka-Padra, Dist. Vadodara – 391 440, Gujarat -India**

**UNIT 2:- Plot No. 948, Village Khadol, Ta. Anklav, Anand 388 350, Gujarat, India**

**SPECIFICATION OF PRODUCT**

<b>Product Name</b>	<b>COPPER SULPHATE PENTAHYDRATE</b>		
<b>Chemical Formula</b>	CuSO <sub>4</sub> .5H <sub>2</sub> O	<b>HSN Code</b>	28332500
<b>Molecular Weight</b>	249.69 g/mol	<b>Grade</b>	LR
<b>CAS No.</b>	7758-99-8	<b>Specs No.</b>	CSPLR

<b>Sr.No.</b>	<b>TESTS</b>	<b>SPECIFICATION</b>
1.	Description	Blue, crystalline powder or transparent, blue crystals
2.	Solubility	Freely soluble in water, soluble in methanol, practically insoluble in ethanol 96%
3.	Appearance of the solution	Solution S Is clear
4.	Identification	A solution (1 in 10) responds to the test of copper and for Sulphate
5.	Assay (on dry basis)	Min. 98.0%
6.	Heavy Metals as lead	NMT 100 ppm
7.	Chloride	NMT 50 ppm
8.	Alkalis sulphate	NMT 0.3%
9.	Iron as Fe	NMT 500 ppm

