

SPECIFICATION : CUPRIC (LL) SULPHATE PENTAHYDRATE AR

Issue date	26/03/2018	Review date	25/03/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	CuSO ₄ · 5H ₂ O
2	Product code	C019
3	Molecular weight	249.69
4	CAS No	7758-99-8
5	Risk Statement No	22-36/38-50/53
6	Safety Statement No	22-60-61
7	UN No.	UN3077



PACKING DETAILS

	Product code	Pack size
1	C01910	500g
	C01911	5Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	Blue crystals or crystalline powder
2	Clarity	10% solution in water is bright and clear
3	Assay	Not less than 99.5%
4	pH (5% aqueous solution)	Not less than 3.8
5	Insoluble matter	Not more than 0.003%
6	Chloride (Cl)	Not more than 0.005%
7	Total nitrogen	Not more than 0.01%
8	Arsenic (As)	Not more than 0.00001%
9	Calcium (Ca)	Not more than 0.001%
10	Iron (Fe)	Not more than 0.005%
11	Lead (Pb)	Not more than 0.005%
12	Magnesium (Mg)	Not more than 0.001%
13	Nickle (Ni)	Not more than 0.002%
14	Potassium (K)	Not more than 0.001%
15	Sodium (Na)	Not more than 0.005%
16	Zinc (Zn)	Not more than 0.002%

Department: Quality Control

Document No: LCPL/QSD/QAD/11

SOP No.: DB/SOP/QC/11-C019

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SAFETY SYMBOLS



Harmful / Irritant



Dangerous for the environment