

320 – CUPRIC SULPHATE (PENTA), AR GRADE

REF NO: TBL/QA/SS/LC/320	STANDARD SPECIFICATION FOR CUPRIC SULPHATE (PENTA) AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 320

PRODUCT PROPERTIES

C.A.S Number	7758-99-8
Chemical Formula	CuSO ₄ .5H ₂ O
Formula weight	249.68
Functional Uses	Cupric Sulphate (Pentahydrate) is used textile dyeing, the preparation of azo dyes, wood preservation, and the tanning of leather. It is used as laboratory reagent.
Standard Packaging	500 gm, 25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Blue crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Iron (Fe)	NMT – 0.005%
Sodium (Na)	NMT – 0.005%
Heavy metals (as Pb)	NMT – 0.005%
Nitrogen (N)	NMT – 0.002%
Min. Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

