

PRODUCT IDENTITY

PRODUCT NAME	Copper(II) nitrate hemi(pentahydrate)	PRODUCT NUMBER	C432263
Grades & Purity	ACS, ≥98%	VERSION	3
CAS NUMBER	19004-19-4	FORMULA	CuN ₂ O ₆ ·2.5H ₂ O
FORMULA WEIGHT	232.59g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(C432263)	Blue Powder or crystals or crystalline powder or lumps
Assay(Titration by Na ₂ S ₂ O ₃)	98-102 (%)
Insoluble matter(c = 10 %, Dilute HNO ₃)	0-0.01 (%)
Chloride (Cl ⁻)	0-0.002 (%)
Iron(Fe)	0-0.005 (%)
Lead (Pb)	0-0.001 (%)
Sulfate(SO ₄)	0-0.01 (%)
Sodium(Na)	0-0.01 (%)
Potassium(K)	0-0.005 (%)
Calcium(Ca)	0-0.005 (%)

PARAMETER	SPECIFICATION / LIMIT
Nickel(Ni)	0-0.01 (%)
X-Ray Diffraction	Conforms to Structure