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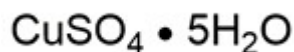
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	37000
Product	Cupric sulfate pentahydrate, Ultra pure, USP, EP, Powder, Low heavy metals (As: ≤ 1 ppm, Cd: ≤ 1 ppm, Pb: ≤ 1 ppm & Hg: ≤ 0.1 ppm) Cupric sulfate pentahydrate, Ultra pure, USP, EP, Powder, Low heavy metals (As: ≤ 1 ppm, Cd: ≤ 1 ppm, Pb: ≤ 1 ppm & Hg: ≤ 0.1 ppm) Copper(II) sulfate pentahydrate
CAS Number	7758-99-8
Molecular Formula	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Molecular Weight	249.69
Appearance	Blue powder
Appearance of Solution	To pass test
Anion	Chloride : ≤ 100 ppm
Cation	Potassium : ≤ 100 ppm Calcium : ≤ 50 ppm Iron : ≤ 30 ppm Sodium : ≤ 200 ppm Nickel : ≤ 20 ppm Lead : ≤ 1 ppm Cadmium : ≤ 1 ppm Arsenic : ≤ 1 ppm Cobalt : ≤ 1 ppm Mercury : ≤ 0.1 ppm
Mould and Yeast	≤ 100 cfu/g
Loss on Drying	35.0 - 36.5% (EP) 33.0 - 36.5% (USP)
Residual Solvents	To pass test for USP
Coliform Organisms	Negative
Microbial Count	≤ 1000 cfu/g (APC)
Particle Size	$\geq 95\%$ thr' 80 mesh

Product Specifications

Catalog Number: 37000

Assay	99 - 101% (EP) 98.5 - 100.5% (USP)
Grade	Meets USP/EP Specification
Storage	Store at RT
Additional Information	Identification A for Sulfate : To pass test Identification B for Copper : To pass test Substances not Precipitated by Hydrogen Sulfide : $\leq 0.3\%$

For Laboratory Use Only