

Product : COPPER SULPHATE PENTAHYDRATE**Grade : LR**

Synonym	:	Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.
Molecular Formula	:	CuSO ₄ .5H ₂ O
Molecular Weight	:	249.68
CAS Number	:	7758-99-8
Description	:	Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.
Solubility	:	Soluble in water, practically insoluble in ethanol.
Clarity	:	10% of Aqua solution is clear.
Specification	:	Assay : 98.0% Minimum
		Chloride (Cl) : 0.005% Max.
		Heavy Metal (Pb) : 0.01% Max.
		Iron (Fe) : 0.05% Max.
		Alkalis Sulphate (SO ₄) : 0.3% Max.

Product : COPPER SULPHATE PENTAHYDRATE**Grade : AR**

Synonym	:	Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.
Molecular Formula	:	CuSO ₄ .5H ₂ O
Molecular Weight	:	249.68
CAS Number	:	7758-99-8
Description	:	Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.
Solubility	:	Soluble in water, practically insoluble in ethanol.
Clarity	:	10% of Aqua solution is clear.
Specification	:	Assay : 99.5 % min.
		Insoluble matter : 0.01% Max.
		pH of 5% solution : 3.8 Minimum
		Chloride (Cl) : 0.0005% Max.
		Arsenic (As) : 0.0005% Max.
		Potassium (K) : 0.001% Max.
		Total Nitrogen (N) : 0.002% Max.
		Calcium (Ca) : 0.005% Max.
		Iron (Fe) : 0.005% Max.
		Lead (Pb) : 0.005% Max.
		Magnesium (Mg) : 0.005% Max.
		Nickel (Ni) : 0.005% Max.
		Sodium (Na) : 0.005% Max.
		Zinc (Zn) : 0.03% Max.

Product : COPPER SULPHATE PENTAHYDRATE**Grade : ACS**

Synonym	:	Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.
Molecular Formula	:	CuSO ₄ .5H ₂ O
Molecular Weight	:	249.68
CAS Number	:	7758-99-8
Description	:	Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.
Solubility	:	Soluble in water, practically insoluble in ethanol.
Clarity	:	10% of Aqua solution is clear.
Specification	:	Assay : 98.0 – 102.0%
		Insoluble matter : 0.005% Max.
		Chloride (Cl) : 0.001% Max.
		Total Nitrogen (N) : 0.002% Max.
		Calcium (Ca) : 0.005% Max.
		Iron (Fe) : 0.003% Max.
		Nickel (Ni) : 0.005% Max.
		Potassium (K) : 0.01% max.
		Sodium (Na) : 0.02% max.

Product : **COPPER SULPHATE PENTAHYDRATE**
Grade : **IP (Confirming)**
Synonym : Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.
Molecular Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Molecular Weight : 249.68
CAS Number : 7758-99-8
Description : Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.
Solubility : Soluble in water, practically insoluble in ethanol, Very slowly soluble in Glycerin.
Clarity : 10% of Aqua solution is clear.
Identification : Copper as Cu and Sulphate as $\text{SO}_4 = +\text{VE}$.
Specification : Assay : 99.0 to 101.0%
Chloride (Cl) : 0.01% Max.
Iron (Fe) : 0.01% Max.
Arsenic (AS) : 0.0008% Max.
Alkaline Earth : 0.3% Max.
LOD @ 250°C : 35.0 – 36.5
Substain not precipitate by Hydrogen Sulphide: 0.3% Max

Product : **COPPER SULPHATE PENTAHYDRATE**
Grade : **BP (Confirming)**
Synonym : Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.
Molecular Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Molecular Weight : 249.68
CAS Number : 7758-99-8
Description : Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.
Solubility : Soluble in water, practically insoluble in ethanol, Very slowly soluble in Glycerin.
Clarity : 10% of Aqua solution is clear.
Identification : Copper as Cu and Sulphate as $\text{SO}_4 = +\text{VE}$.
Specification : Assay : 99.0 to 101.0%
Chloride (Cl) : 0.01% Max.
Iron (Fe) : 0.01% Max.
Lead (Pb) : 0.005% Max.
LOD @ 250°C : 33.0 – 36.5
Substain not precipitate by Hydrogen Sulphide: 0.3% Max

Product : **COPPER SULPHATE PENTAHYDRATE**
Grade : **USP (Confirming)**
Synonym : Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.
Molecular Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Molecular Weight : 249.68
CAS Number : 7758-99-8
Description : Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.
Solubility : Soluble in water, practically insoluble in ethanol, Very slowly soluble in Glycerin.
Clarity : 10% of Aqua solution is clear.
Identification : Copper as Cu and Sulphate as $\text{SO}_4 = +\text{VE}$.
Specification : Assay : 98.5 to 100.5%
Iron (Fe) : 0.003% Max.
Calcium (Ca) : 0.005% Max.
Potassium (K) : 0.01% Max.
Sodium (Na) : 0.02% Max.
Nickel (Ni) : 0.005% Max.

Product : COPPER SULPHATE PENTAHYDRATE**Grade : IRON FREE**

Synonym : Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.

Molecular Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

Molecular Weight : 249.68

CAS Number : 7758-99-8

Description : Blue Crystal or Crystalline Powder, Odorless, Slowly Efflorescent.**Solubility :** Very soluble in water, *practically insoluble in ethanol, Very slowly soluble in Glycerin.***Specification :** Assay : 98.0% Minimum

pH of 5% Solution : 3.0

Iron as (Fe) : 500 PPM to 50 PPM or as per your requirement)

Product : COPPER SULPHATE PENTAHYDRATE**Grade : Electronic**

Synonym : Copper (II) Sulphate Pentahydrate; Blue Vitriol; Roman Vitriol; Salzburg Vitriol.

Molecular Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

Molecular Weight : 249.68

CAS Number : 7758-99-8

Specification : As per your required specification

**We are able to provide you the Copper Sulphate Pentahydrate
As per your Customized Specification**

USES

- ✓ Laboratory Reagent
- ✓ Analytical Reagent
- ✓ Pharmaceuticals
- ✓ Agriculture
- ✓ Adhesive
- ✓ Cattle & Poultry Feed Supplements
- ✓ Electroplating
- ✓ Electro Refining of Copper
- ✓ Pigments
- ✓ Preserving Wood
- ✓ Pyrotechnic
- ✓ Petroleum Refining
- ✓ Mordant in textile dyeing & Azo Dyes,
- ✓ Manufacturing of Other Organic & Inorganic based Copper Salts

PACKING

5Kg, 10Kg, 15Kg, 20 Kg, 25Kg, 50 Kg

HDPE Bags, Plastic Drums, Fiber Drums, UN approved Packing.