

Technical Data Sheet

Product Name: Potassium sulfate- European Pharmacopoeia (EP) Grade*

Chemical Information

Molecular Formula: K_2SO_4

Molecular Weight: 174.26 g/mol

CAS No: 7778-80-5

Specifications

S.No	Test	Unit	Specification
1	Appearance		White or almost white, crystalline powder or colorless crystals
2	Assay	%	98.5% - 101.0% of K_2SO_4 (dried substance)
3	Solubility		Soluble in water, practically insoluble in anhydrous ethanol.
4	Chlorides (Cl)	ppm	Not more than 40 ppm
5	Calcium (Ca)	ppm	Not more than 200 ppm
6	Iron (Fe)	ppm	Not more than 10 ppm
7	Magnesium (Mg)	ppm	Not more than 20 ppm

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8	Sodium (Na)	%	Not more than 0.10 %
9	Loss on Drying	%	Not more than 1.0 %

Applications

- Used as an excipient in some medications and supplements.
- Used as a raw material for producing other potassium-based compounds.

Storage

- Store in a tightly closed container in a cool, dry, and well-ventilated place.
- Keep away from moisture and incompatible materials.

Packaging

Available in 25 kg HDPE bags or drums or as per customer requirement.

Shelf Life

3 years from the date of manufacture when stored in recommended conditions.

Safety Information

- Avoid contact with skin and eyes.
- Handle with gloves and safety goggles.
- In case of contact, rinse immediately with plenty of water.

*(Note: This product will be offered from our associate GMP certified approved manufacturing unit)