

Technical Data Sheet

Product Name: Potassium sulfate- Food Grade-JECFA (Joint FAO/WHO Expert Committee on Food Additives)

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	Assay	%	Not less than 99.0%
2	Appearance		Colorless or white crystals or crystalline powder
3	Solubility		Freely soluble in water, insoluble in ethanol
4	pH		5.5 - 8.5 (1 in 20 solution)
5	Lead (Pb)	mg/kg	Not more than 2 mg/kg
6	Selenium	mg/kg	Not more than 30 mg/kg

Applications

- Used as a pH buffer in various food products.
- Acts as a firming agent, influencing the consistency and texture of food products.

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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.