

Technical Data Sheet

Product Name: Potassium sulfate-Technical 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	Assay	%	≥ 98.0
2	Potassium (K_2O)	%	50 Min
3	Sulphur (S)	%	18 Min
4	Chloride (Cl)	%	≤1.5 Max
5	Sodium (Na)	%	≤ 2.0 Max
6	Moisture	%	≤ 1.0 Max
7	pH (1% solution)		2-7

Applications

- Used in the manufacture of glass, ceramics, and alum, and as a fluxing agent in chemical processes.
- Utilized in dyeing, tanning, and textile processing for maintaining ionic balance.

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.

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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.