



ENDEAVOUR INDUSTRIES LTD.

Technical Data Sheet –Potassium Sulphate-00:00:50 powder

Potassium Sulphate improves crop yield and quality, making plants more resistant to drought, frost, insects and disease. Not only does Potassium Sulphate improve the crop's nutritional value, taste and appearance but also its resistance to deterioration during transport and storage, and its suitability for industrial processing.

Sr. No.	Parameters	Result	Unit
01	Water Soluble Potassium (as K ₂ O)	50.0	%
02	Sulphate Sulphur (as S)	17.5	%
03	Sodium (as NaCl)	2.0	%
04	Total Chloride (as Cl)	2.5	%
05	Moisture	1.5	%

Application:

- **Agrochemicals and Fertilizers:** The majority of the potassium Sulphate produced is used for making fertilizer called potash, since the growth of many plants is limited by potassium availability.
- **Animal Feed:** It is used as a supplement in animal feed to boost the amount of nutrients in the feed, which in turn promotes healthy growth in animals. As an added benefit, it is known to increase milk production.
- **Oil and Gas Industries:** It is sometimes used in water as a completion fluid in petroleum and natural gas operations, as well as being an alternative to sodium chloride in household water softener units.
- **Industrial Applications:** Potassium Sulphate has application in Pharmaceutical Industries and many more.