

## 5054 – POTASSIUM SULPHATE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5054	STANDARD SPECIFICATION FOR POTASSIUM SULPHATE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
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### PRODUCT PROPERTIES

C.A.S Number	7778-80-5
Chemical Formula	$K_2O_4S$
Formula weight	174.25
Functional Uses	Potassium Sulphate is used as Salt substitute, acidity regulator
Standard Packaging	50 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless or white crystals or crystalline powder.
Solubility	Freely soluble in water, insoluble in ethanol
Test for potassium	Passes test
Test for sulphate	Passes test

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1 in 20 soln.)	5.5-8.5
Lead	NMT – 2 mg/Kg
Selenium	NMT 30 mg/kg
Assay (after drying)	NLT – 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

