

5051 – POTASSIUM METABISULPHITE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5051	STANDARD SPECIFICATION FOR POTASSIUM METABISULPHITE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
Issue Date:08/02/2022		Product code: 5051

PRODUCT PROPERTIES

C.A.S Number	16731-55-8
Chemical Formula	$K_2S_2O_5$
Formula weight	222.33
Functional Uses	Potassium Metabisulphite is used as antibrowning agent, antioxidant, and preservative
Standard Packaging	50 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless free-flowing crystals, crystalline powder, or granules, usually having an odour of sulfur dioxide
Solubility	Soluble in water; insoluble in ethanol
Test for potassium	Passes test
Test for sulphite	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water insoluble	The solution should be clear with only a trace of suspended matter.
Thiosulphate	NMT – 0.1%
Iron (Fe)	NMT – 10 mg /kg
Lead (Pb)	NMT – 2 mg/kg
Selenium	NMT – 5 mg/kg
Assay	NLT – 90.0%

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

