

TBF 197 – POTASSIUM SORBATE (GRANULAR) (FOOD GRADE)

REF NO: TBL/QA/SS/F/TBF 197	STANDARD SPECIFICATION FOR POTASSIUM SORBATE (GRANULAR) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
Issue Date: 08/02/2022		Product code: TBF 197

PRODUCT PROPERTIES

C.A.S Number	24634-61-5
Chemical Formula	$C_6H_7KO_2$
Formula weight	150.22
Functional Uses	Potassium Sorbate is used as preservative.
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or yellowish-white crystals or crystalline powder or granules.
Solubility	Freely soluble in water; soluble in ethanol.
Test for potassium	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting range of sorbic acid	132 – 135°C
Loss on drying (105°C, 3 h)	NMT – 1.0%
Acidity or alkalinity	NMT – 1.0%
Aldehydes	NMT – 0.1%
Lead (Pb)	NMT – 2 mg/Kg
Assay(ODW)	98.0% – 102.0%

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

