

5090 – POTASSIUM BROMATE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5090	STANDARD SPECIFICATION FOR POTASSIUM BROMATE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5090

PRODUCT PROPERTIES

C.A.S Number	7758-01-2
Chemical Formula	KBrO ₃
Formula weight	167.01
Functional Uses	Potassium bromate (KBrO ₃) is used primarily as a maturing agent for flour and as a dough conditioner.
Standard Packaging	50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (50mg/ml H ₂ O Soln.)	5.0 - 9.0
Bromide (Br)	NMT - 0.05%
Sulphate (SO ₄)	NMT - 0.01%
Total nitrogen (N)	NMT - 0.001%
Lead (Pb)	NMT - 0.005%
Iron (Fe)	NMT - 0.005%
Sodium (Na)	NMT - 0.5%
Assay	NLT - 99.0%

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

