

5043 – POTASSIUM BICARBONATE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5043	STANDARD SPECIFICATION FOR POTASSIUM BICARBONATE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5043

PRODUCT PROPERTIES

C.A.S Number	298-14-6
Chemical Formula	KHCO ₃
Formula weight	100.11
Functional Uses	Potassium bicarbonate alkali, leavening agent, buffer.
Standard Packaging	50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder.
Solubility	Freely soluble in water; insoluble in ethanol
Test for potassium	Passes test
Test for carbonate	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (over silica gel, 4 h)	NMT – 0.25%
Normal carbonate	Passes test
Lead	NMT – 2 mg/kg
Assay (ODB)	99.0% – 101.0%

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

