

## 5044 – POTASSIUM CARBONATE (ANH.)(FOOD GRADE)

REF NO: TBL/QA/SS/F/5044	STANDARD SPECIFICATION FOR POTASSIUM CARBONATE (ANH.)(FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
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### PRODUCT PROPERTIES

C.A.S Number	584-08-7
Chemical Formula	$K_2CO_3$
Formula weight	138.21
Functional Uses	Potassium carbonate is used as an alkaline agent and dough conditioner.
Standard Packaging	50 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White, odourless, very deliquescent powder; the hydrated form occurs as small, white, translucent crystals or granules.
Solubility	Very soluble in water; insoluble in ethanol.
Test for potassium	Passes test.
Test for chloride	Passes test.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (180°C, 4 hours)	NMT – 5.0%
Lead	NMT – 2 mg/kg
Assay (after drying)	NLT – 99.0%

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

