

5042- POTASSIUM ACETATE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5042	STANDARD SPECIFICATION FOR POTASSIUM ACETATE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
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PRODUCT PROPERTIES

C.A.S Number	127-08-2
Chemical Formula	$C_2H_3KO_2$
Formula weight	98.14
Functional Uses	Buffer, antimicrobial preservative.
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless, deliquescent crystals or a white, crystalline powder, odourless or with a faint acetic odour.
Solubility	Very soluble in water; freely soluble in ethanol
Test for potassium	Passes test
Test for acetate	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (150° , 2 h)	NMT – 8.0%
Alkalinity	Passes test
Test for sodium	Negative test
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.

