

5047 – POTASSIUM HYDROXIDE FLAKES (FOOD GRADE)

REF NO: TBL/QA/SS/F/5047	STANDARD SPECIFICATION FOR POTASSIUM HYDROXIDE FLAKES(FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
Issue Date:08/02/2022		Product code: 5047

PRODUCT PROPERTIES

C.A.S Number	1310-58-3
Chemical Formula	KOH
Formula weight	56.11
Functional Uses	Alkali
Standard Packaging	50 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or nearly white flakes
Solubility	Very soluble in water; freely soluble in ethanol.
Test for alkali	Passes test.
Test for potassium	Passes test.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water insoluble substances	A 1 in 20 solution of the sample is complete, clear and colourless.
Carbonate (as potassium carbonate)	NMT – 3.5%
Lead	NMT – 2 mg/kg
Assay (as KOH)	NLT – 85.0%

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

