

## 2230 – POTASSIUM HYDROXIDE FLAKES

REF NO: TBL/QA/SS/LC/2230	STANDARD SPECIFICATION FOR POTASSIUM HYDROXIDE FLAKES	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
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### PRODUCT PROPERTIES

C.A.S Number	1310-58-3
Chemical Formula	KOH
Formula weight	56.11
Functional Uses	Potassium hydroxide (KOH) is used in Quantification of glutathione (GSH) and glutathione disulfide (GSSG) in biological samples by HPLC.
Standard Packaging	500 gm., 5 kg & 50 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless to white flakes soluble in water, gives clear solution and highly alkaline in nature.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.0005%
Potassium Carbonate	NMT – 0.6%
Density	2.044 gm/cm <sup>3</sup>
Sulphate (SO <sub>4</sub> )	NMT – 0.0005%
Heavy Metals (Pb)	NMT – 0.0005%
Assay	NLT – 86.5%

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

