

TMB 063– POTASSIUM PHOSPHATE DIBASIC (ANH.)

REF NO: TBL/QA/SS/LC/ 063	STANDARD SPECIFICATION FOR POTASSIUM PHOSPHATE DIBASIC (ANH.)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: TMB 063

PRODUCT PROPERTIES

C.A.S Number	7758-11-4
Chemical Formula	K ₂ HPO ₄
Formula weight	174.18
Functional Uses	Potassium phosphate dibasic is used in the preparation of MMG (maltose, methyl green) medium, phosphate buffered saline and hypotonic solution
Standard Packaging	100 gm & 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color fine powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Soln. at 25°C)	8.5 – 9.5
Sulphate (SO ₄)	NMT – 0.005%
Chloride (Cl)	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 98.5%
DNase/ RNase	None detected

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

