

Tetra Potassium Pyrophosphate

SPECIFICATION

Specification No.	VCPL/SPEC/QC/45
Grade	Pure/Anhydrous
Molecular formula	K ₄ P ₂ O ₇
Molecular weight	330.34
CAS No.	7320-34-5
Also known as	TKPP, Potassium pyrophosphate

Appearance	Visual observation	A white powder or crystalline or granular powder free flowing
PH (1% solution)	% w/v	9.5 - 11.5
Assay as K ₄ P ₂ O ₇ (On Dried basis)	% w/w	Min. 96.0%
Phosphate (as P ₂ O ₅)	% w/w	Min. 41.0%
Insoluble matter in water	% w/w	Max. 0.1%
Chloride (as Cl)	% w/w	Max. 0.45%
Iron (as Fe)	% w/w	Max. 0.005%
Loss on drying (at 110°C)	% w/w	Max. 1.0%

***Storage:-** Store under the roof in well closed bags/container.

Note:- This paper is digitally signed.

