

## Mono Potassium phosphate

### SPECIFICATION

Specification No.	VCPL/SPEC/QC/27
Grade	Pure
Molecular formula	KH <sub>2</sub> PO <sub>4</sub>
Molecular weight	136.09
CAS No.	7778-77-0
Also known as	MKP ( Potassium Dihydrogen phosphate)

Nature	Visual observation	Crystalline, hygroscopic powder
Colour	Visual observation	White
Clarity of 5% solution in distilled water	% w/v	Clear & colourless
pH (5% solution)	% w/v	4.0 – 4.5
Assay on dried basis	% w/w	99.0 % min.
Phosphate (as P <sub>2</sub> O <sub>5</sub> %)	% w/w	52.0% min
Moisture% by wt.	% w/w	1% max.
Chloride (as Cl)	% w/w	0.01% max.
Iron (as Fe)	% w/w	0.002% max.

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

**Note:-** This paper is digitally signed.

