

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-P166	
SPECIFICATION : POTASSIUM DIHYDROGEN PHOSPHATE HPLC					
Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	KH ₂ PO ₄
2	Product code	P166
3	Molecular weight	136.09
4	CAS No	7778-77-0
5	Risk Statement No	--
6	Safety Statement No	24/25
7	UN No.	

PACKING DETAILS

	Product code	Pack size
1	P16610	500 g

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystalline powder.
2	Clarity	10% solution in water is clear.
3	Assay	Not less than 99.5%
4	pH (5% aqueous solution)	Between 4.0 and 5.0
5	Chloride (Cl)	Not more than 0.0005%
6	Sulphate (SO ₄)	Not more than 0.005%
7	Heavy metals (as Pb)	Not more than 0.002%
8	Iron (Fe)	Not more than 0.002%
9	Sodium (Na)	Not more than 0.03%
10	<u>Max absorbance (10 mm Cuvette using water as reference).(1M in water)</u>	
	Wave length	Min. T%
	200 nm	10%
	205 nm	50%
	210 nm	80%
	250 nm	95%
	310 - 400 nm	98%

SAFETY SYMBOLS