Type in Product Names, Product Numbers, or CAS Numbers to see suggestions.

Specification Sheet

Product Name	Potassium phosphate monobasic meets analytical specification of Ph. Eur., NF, E340, anhydrous, 98-100.5% (calc. to the dried substance)
Product Number	04243
Product Brand	SIGALD
CAS Number	7778-77-0
Molecular Weight	136.09

TEST	SPECIFICATION
TITRATION (T) NAOH 0.1M	98.0 - 100.5 % (calc. to the dried substance)
FLUORIDE	≤ 10 ppm
INSOLUBLE MATTER	≤ 0.2 %
SOLUBILITY (COLOR)	complying
SOLUBILITY (TURBIDITY)	complying

TEST	SPECIFICATION
PH	4.2 - 4.5
PH (METHOD)	5%, 20 Deg C
LOSS ON DRYING	≤ 1.0 % (130 Deg C)
LOSS ON DRYING	≤ 1.0 % (105 Deg C, 4h)
REDUCING SUBSTANCES	≤ 0.04 %
RESIDUAL SOLVENTS	Complying
HEAVY METALS	≤ 10 ppm
PROOF OF IDENTITY	CONFORMS
ARSENIC	≤ 1 ppm
CADMIUM	≤ 1 ppm
COPPER	≤ 0.002 %
IRON	≤ 10 ppm
MERCURY	≤ 1 ppm
SODIUM	≤ 0.1 %
LEAD	≤ 1 ppm
ZINC	≤ 0.002 %
CHLORIDE (CL)	≤ 10 ppm

TEST	SPECIFICATION
SULFATE (SO4)	≤ 200 ppm
REMARKS	Identity, assay and impurities are complying to the monographs-br-of the above mentioned pharmacopeias/codices
RECOMMENDED RETEST PERIOD	42 Months

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