



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
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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
PH	4.2 - 4.5
PH (METHOD)	5%, 20 Deg C

TEST**LOSS ON DRYING****SPECIFICATION**

≤ 1.0 % (130 Deg C)

≤ 1.0 % (105 Deg C, 4h)

REDUCING SUBSTANCES

≤ 0.04 %

RESIDUAL SOLVENTS

Complying

HEAVY METALS

≤ 10 ppm

PROOF OF IDENTITY

CONFORMS

ARSEN

≤ 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

SULFATE (SO4)

≤ 200 ppm

REMARKS

Identity, assay and impurities are complying to the monographs of the above mentioned pharmacopeias/codices

**RECOMMENDED RETEST PERIOD
TEST**

42 Months

SPECIFICATION

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