



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



## Specification Sheet

<b>Product Name</b>	Sodium phosphate dibasic dihydrate puriss. p.a., reag. Ph. Eur., 98.5-101.0% (calc. to the dried substance)
<b>Product Number</b>	30435
<b>Product Brand</b>	SIGALD
<b>CAS Number</b>	10028-24-7
<b>Molecular Weight</b>	177.99

### TEST

### SPECIFICATION

<b>APPEARANCE (COLOR)</b>	Colorless or White
<b>APPEARANCE (FORM)</b>	Crystals
<b>TITRATION</b>	98.5 - 101.0 % (calc. to the dried substance)-br-Assay NaH <sub>2</sub> PO <sub>4</sub> (Calc. to Dried Subst.) ≤ 0.5%
<b>SOLUBILITY (COLOR)</b>	complying
<b>SOLUBILITY (TURBIDITY)</b>	complying
<b>SOLUBILITY (METHOD)</b>	ACC. TO PH.EUR.
<b>PH-TEST</b>	9.0 - 9.2

**TEST****SPECIFICATION****PH (METHOD)**

5% in water, 20C

**LOSS ON DRYING**

19.5 - 21.0 % (130C)

**PHARMACOPOEA TESTS**

CORRESPONDS TO REQUIREMENTS

**Remarks on Pharmacopoea Test**Heavy Metals (as Pb); ≤ 5 mg/kg -br-  
Reducing Impurities complying**IRON (ICP)**

≤ 5 mg/kg

**POTASSIUM (ICP)**

≤ 50 mg/kg

**ARSENIC TRACES (MHS-AAS)**

≤ 0.5 mg/kg

**TOTAL SULFUR AS SO<sub>4</sub> (ICP)**

≤ 50 mg/kg

**CHLORIDE (CL)**

≤ 10 mg/kg

**TOTAL NITROGEN**

≤ 10 mg/kg

**RECOMMENDED RETEST PERIOD** 42 MONTHS

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