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## Product Specification

Product Name:

Sodium phosphate monobasic monohydrate – BioReagent, suitable for electrophoresis, 98.0–102.0%

Product Number:

S3522

 $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$ 

CAS Number:

10049-21-5

MDL:

MFCD00149208

Formula:

 $\text{H}_2\text{NaO}_4\text{P} \cdot \text{H}_2\text{O}$ 

Formula Weight:

137.99 g/mol

TEST	Specification
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Appearance (Color)

White

Appearance (Form)

Powder

pH

4.1 - 4.5

(5% solution at 25 deg C)

Insoluble matter

≤ 0.01 %

Chloride (CL)

≤ 5 ppm

Sulfate

≤ 0.003 %

Suitability

Suitable

Suitable for use in Weber-Osborn electrophoresis system

Heavy Metals (as Lead)

≤ 0.001 %

Assay

98.0 - 102.0 %

Calcium (Ca)

≤ 0.005 %

Iron (Fe)

≤ 0.001 %

Potassium (K)

≤ 0.01 %

Specification: PRD.0.ZQ5.10000051352

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