



StockOptions Phosphate - pH 5.0 to 8.2 in 0.2 pH unit increments - 10 ml

Focused, titrated buffer stocks for crystal screening, optimization & production

Product codes:

Reference: HR 2251

StockOptionsTM
Phosphate
pH 5.0 - 8.2

Product gallery:



Product description:

- pH 5.0 to 8.2 in 0.2 pH unit increments (17 reagents)
- 1.0 M concentrated stocks
- Sodium phosphate monobasic monohydrate pKa1 7.2
- Potassium phosphate dibasic pKa1 2.2 and pKa2 6.8 and pKa3 12.4

StockOptions Phosphate buffer kit is a preformulated, sterile filtered set of titrated buffer stocks. The StockOptions buffer stock reagents are supplied as 1.0 M stock solutions in 10 milliliter volumes. Each StockOptions Phosphate buffer reagent is formulated using a mixture of Sodium phosphate monobasic monohydrate and Potassium phosphate dibasic to determine the pH of the reagent. StockOptions Phosphate is comprised of 17 unique reagents covering the pH range of 5.0 to 8.2 in 0.2 pH unit increments.

Sodium phosphate monobasic monohydrate

Synonyms: Monosodium phosphate or Sodium dihydrogen phosphate monohydrate

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

Mr 137.99

CAS Number [10049-21-5]

EC Number 231-449-2

Merck 14,8660



MDL Number MFCD00149208
PubChem Substance ID 24886208
Purity > 99.0%

Trace Analysis

As 0.00005%
Ca 0.001%
Cd 0.0005%
Cl 0.0005%
Co 0.0005%
Cr 0.0005%
Cu 0.0005%
Fe 0.0005%
K 0.005%
Mg 0.0005%
Mn 0.0005%
N 0.001%
Ni 0.0005%
Pb 0.0005%
SO₄ 0.003%
Zn 0.0005%

Potassium phosphate dibasic

Synonyms: Dipotassium hydrogenphosphate or Dipotassium phosphate or sec.-Potassium phosphate or di-Potassium hydrogen phosphate anhydrous

K₂HPO₄ or HK₂O₄P

Mr 174.18

CAS Number [7758-11-4]

EC Number 231-834-5

Merck 14,7658

MDL Number MFCD00011383

PubChem Substance ID 24881850

Purity ?99.0%

Total Impurities: Insoluble matter passes filter test

Trace Analysis

Al 0.0005%
As 0.00001%
Ba 0.0005%
Bi 0.0005%
Ca 0.001%
Cd 0.0005%
Cl 0.005%
Co 0.0005%
Cr 0.0005%
Cu 0.0005%



Fe 0.0005%
Li 0.0005%
Mg 0.0005%
Mn 0.0005%
Mo 0.0005%
Na 0.5%
Ni 0.0005%
Pb 0.0005%
SO4 0.005%
Sr 0.0005%
Zn 0.0005%

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

Product features:

CRF - TIPO: StockOptions Phosphate Buffer Kit