



StockOptions Citric Acid - pH 2.2 to 6.5 in 0.1 pH unit increments - 10 ml

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

Product codes:

Reference: HR 2104

Product gallery:



Product description:

- pH range 2.2 - 6.5 (44 unique reagents)
- 0.1 pH unit increments for fine tuning pH
- $pK_{a1} = 3.1$ $pK_{a2} = 4.8$ $pK_{a3} = 6.4$
- 1.0 M concentrated stocks

StockOptions Citric Acid buffer kit is a preformulated, sterile filtered set of titrated buffer stocks. The StockOptions Citric Acid buffer stock reagents are supplied as 1.0 M stock solutions in 10 ml volumes. Each StockOptions Citric Acid buffer reagent is carefully titrated using Sodium hydroxide. StockOptions Citric Acid is comprised of 44 unique reagents covering the pH range of 2.2 to 6.5 in 0.1 pH unit increments. Individual reagents are available.

Citric acid

Synonym: Citric acid anhydrous

C₆H₈O₇

HOC(COOH)(CH₂COOH)₂

Mr 192.13

CAS Number [77-92-9]

EC Number 201-069-1

Beilstein Registry Number 782061



Merck 14,2326
RTECS GE7350000
MDL Number MFCD00011669
PubChem Substance ID 24856611
Purity >99.5%
Useful pH range of citric acid as a buffer 2.2 - 6.5
pKa1 = 3.1 pKa2 = 4.8 pKa3 = 6.4

Assay

Al 0.0005%
As 0.00001%
Ba 0.0005%
Bi 0.0005%
Ca 0.001%
Cd 0.0005%
Cl 0.0005%
Co 0.0005%
Cr 0.0005%
Cu 0.0005%
Fe 0.0005%
K 0.005%
Li 0.0005%
Mg 0.0005%
Mn 0.0005%
Mo 0.0005%
Na 0.005%
Ni 0.0005%
Oxalate (C₂O₄) 0.05%
Pb 0.0005%
PO₄ 0.0005%
SO₄ 0.002%
Sr 0.0005%
Tartrate (C₄H₄O₆) 0.2%
Zn 0.0005%

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

Product features:

CRF - TIPO: StockOptions Citric Acid Buffer Kit