

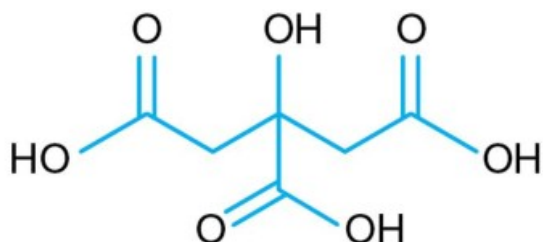


1.0 M Citric acid pH 3.5 - 100 ml

Crystallization grade Citric acid buffer for formulating screens or for optimization

Product codes:

Reference: HR 2757



Product gallery:



Product description:

- Sterile filtered
- Formulated in Type 1+ ultrapure water: 18.2 megaohm-cm resistivity at 25°C, 5 ppb Total Organic Carbon, bacteria free (1 Bacteria (CFU/ml)), pyrogen free (0.03 Endotoxin (EU/ml)), RNase-free (0.01 ng/mL) and DNase-free (4 pg/μL)

Citric acid

Synonyms: 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

Purity ? 99.5%

Useful pH range of citric acid as a buffer 2.2 - 6.5

pKa₁ = 3.13

pKa₂ = 4.76



pKa3 = 6.4

HR2-757 is titrated to pH 3.5 at 25 degrees Celsius using NaOH

Measured Conductivity Range: 28.7 - 33.3 mS/cm at 25°C

Measured Refractive Index Range: 1.36236 - 1.36329 at 20°C

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: Citric acid Buffer