



StockOptions MOPS Buffer Kit - pH 6.5 to 7.9 in 0.1 pH unit increments - 10 ml

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

Product codes:

Reference: HR 2252

StockOptions™
MOPS
pH 6.5 - 7.9

Product gallery:



Product description:

- pH 6.5 to 7.9 in 0.1 pH unit increments (15 reagents)
- 1.0 M concentrated stocks
- MOPS pKa 7.2

StockOptions MOPS 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 MOPS buffer reagent is carefully titrated using Sodium hydroxide. StockOptions MOPS is comprised of 15 unique reagents covering the pH range of 6.5 to 7.9 in 0.1 pH unit increments.

Synonyms: 3-(N-Morpholino)propanesulfonic acid, 4-Morpholinepropanesulfonic acid
C7H15NO4S

Mr 209.28

CAS Number [1132-61-2]

EC Number 214-478-5

RTECS QE9104530

Beilstein Registry Number 1106776

MDL Number MFCD00006183

PubChem Substance ID 329762136



Purity ≥99.5% (T)
DNases, none detected
RNases, none detected
Insoluble matter, passes filter test
Phosphatases, none detected
Proteases, none detected
Ignition Residue 0.1% (as SO₄)
Loss 1% loss on drying, 110 °C
Useful pH range 6.5 - 7.9
pKa (25 °C) 7.2

Anion traces

chloride (Cl⁻): 50 mg/kg
sulfate (SO₄²⁻): 50 mg/kg

Cation traces

Al: 5 mg/kg
As: 0.1 mg/kg
Ba: 5 mg/kg
Bi: 5 mg/kg
Ca: 10 mg/kg
Cd: 5 mg/kg
Co: 5 mg/kg
Cr: 5 mg/kg
Cu: 5 mg/kg
Fe: 5 mg/kg
K: 50 mg/kg
Li: 5 mg/kg
Mg: 5 mg/kg
Mn: 5 mg/kg
Mo: 5 mg/kg
Na: 50 mg/kg
Ni: 5 mg/kg
Pb: 5 mg/kg
Sr: 5 mg/kg
Zn: 5 mg/kg

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

Product features:

CRF - TIPO: StockOptions MOPS Buffer Kit