

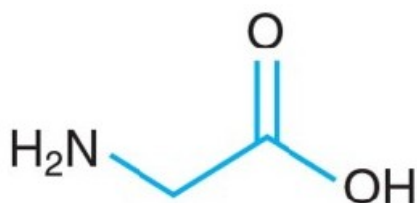


StockOptions Glycine - pH 8.6 to 10.6 in 0.1 pH unit increments - 10 ml

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

Product codes:

Reference: HR 2250



Product gallery:



Product description:

- pH 8.6 to 10.6 in 0.1 pH unit increments (21 reagents)
- 1.0 M concentrated stocks
- Glycine pKa1 2.3 pKa2 9.6

StockOptions Glycine 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 Glycine buffer reagent is carefully titrated using Sodium hydroxide. StockOptions Glycine is comprised of 21 unique reagents covering the pH range of 8.6 to 10.6 in 0.1 pH unit increments.

Glycine

Synonym: Aminoacetic acid, Aminoethanoic acid, Glycocol

Mr 75.07

NH₂CH₂COOH

CAS Number 56-40-6

EC Number 200-272-2

Beilstein Registry Number 635782

MDL number MFCD00008131

PubChem Substance ID 24873323



Purity >99.0%

Ignition residue =0.05% (as SO₄)

Loss =0.05% loss on drying, 20°C

Melting point 240°C

UV Absorption for 1.0 M solution λ : 260 nm A_{max}: 0.01 λ : 280 nm A_{max}: 0.01 pKa₁ 2.3 pKa₂ 9.6

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

NH₄⁺: 200 mg/kg

Na: 50 mg/kg

Ni: 5 mg/kg

Pb: 5 mg/kg

Sr: =5 mg/kg

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

Product features:

CRF - TIPO: StockOptions Glycine Buffer Kit