



StockOptions Glycine 04, pH 8.9, 185 ml

1.0 M Glycine pH 8.8,

, Individual StockOptions Glycine Buffer reagents for screening, optimization, and production

Product codes:

Reference: HR 225004

StockOptions™
Glycine
pH 8.6 - 10.6

Product gallery:



Product description:

- 185 mL volume
- 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/uL)

HR2-250-**

** = Refers to the reagent number in the kit.

For example, reagent number 1 = HR2-250-01

Glycine

Synonym: Aminoacetic acid, Aminoethanoic acid, Glycocol

Mr 75.07

$\text{NH}_2\text{CH}_2\text{COOH}$

CAS Number 56-40-6

EC Number 200-272-2

Beilstein Registry Number 635782

MDL number MFCD00008131

PubChem Substance ID 24873323



Purity >99.0% Loss =0.05% loss on drying, 20°C

Melting point 240°C

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

UV Absorption for 1.0 M solution

?: 260 nm A_{max}: 0.01

?: 280 nm A_{max}: 0.01

pK_{a1} 2.3

pK_{a2} 9.6

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

Product features:

CRF - TIPO: Individual StockOptions Glycine Reagents