



# StockOptions Tricine Buffer Kit - pH 7.4 to 8.8 in 0.1 pH unit increments - 10 ml

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

## Product codes:

Reference: HR 2253

**StockOptions™**  
**Tricine**  
**pH 7.4 - 8.8**

## Product gallery:



## Product description:

- pH 7.4 to 8.8 in 0.1 pH unit increments (15 reagents)
- 1.0 M concentrated stocks
- Tricine pKa = 8.1

StockOptions Tricine 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 Tricine buffer reagent is carefully titrated using Sodium hydroxide. StockOptions Tricine is comprised of 15 unique reagents covering the pH range of 7.4 to 8.8 in 0.1 pH unit increments.

Tricine

Synonym: N-[Tris(hydroxymethyl)methyl]glycine

(HOCH<sub>2</sub>)<sub>3</sub>CNHCH<sub>2</sub>CO<sub>2</sub>H

Mr 179.17

CAS Number [5704-04-1]

Beilstein Registry Number 1937804

EC Number 227-193-6

MDL Number MFCD00004277

PubChem Substance ID 24889851



assay >99.5% (NT)

Impurities: Insoluble matter, passes filter test

Ignition residue: 0.05% (as SO<sub>4</sub>)

Loss 0.5% loss on drying, 110 °C

UV absorption

260 nm Amax: 0.03

280 nm Amax: 0.02

Anion traces:

Chloride (Cl<sup>-</sup>): 500 mg/kg

Sulfate (SO<sub>4</sub><sup>2-</sup>): 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 Tricine Buffer Kit