

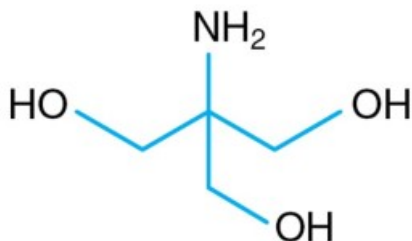


1.0 M Tris - 100 ml

Crystallization grade Tris for formulating screens or for optimization

Product codes:

Reference: HR 2589

**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)

Tris

Synonyms: Trizma base or 2-Amino-2-(hydroxymethyl)-1,3-propanediol or THAM or Tris base or Tris(hydroxymethyl)aminomethane or Trometamol

C₄H₁₁NO₃

NH₂C(CH₂OH)₃

Mr 121.14

CAS Number [77-86-1]

EC Number 201-064-4

Beilstein Registry Number 741883

Merck 14,9772

RTECS TY2900000

MDL Number MFCD00004679

Purity 99.8 - 100.1%

pK_a = 8.1 at 25°C



Useful pH range of Tris: 7.0 – 9.0

Titrate HR2-589 to the desired pH using HCl

HR2-589 Measured pH Range: 10.9 - 11.1 at 25°C

HR2-589 Measured Conductivity Range: 193.3 - 236.7 μ S/cm at 25°C

HR2-589 Measured Refractive Index: 1.34991 - 1.35058 at 20°C

HR2-725 is titrated to pH 8.5 using HCl

HR2-725 Measured Conductivity Range: 18.1 - 22.7 mS/cm at 25°C

HR2-725 Measured Refractive Index: 1.35310 - 1.35369 at 20°C

Insoluble Matter 0.005% max

DNase None Detected

RNase None Detected

Protease None Detected

Heavy Metals 5 ppm max

As ? 5 ppm max

Ca ? 5 ppm max

Cu ? 5 ppm max

Fe ? 5 ppm max

Pb ? 5 ppm max

Mg ? 5 ppm max

Trizma is a registered trademark of Sigma-Aldrich Co.

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

Product features:

CRF - TIPO: Tris Buffer