

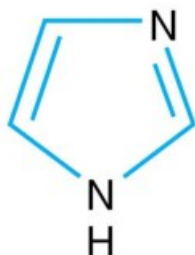


1.0 M Imidazole pH 7.0 - 100 ml

Crystallization grade Imidazole for formulating screens or for optimization

Product codes:

Reference: HR 2819



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/uL)

Imidazole

Synonyms: 1,3-Diaza-2,4-cyclopentadiene or Glyoxaline

C₃H₄N₂

Mr 68.08

CAS Number [288-32-4]

EC Number 206-019-2

Beilstein Registry Number 103853

Merck 14,4912

RTECS NI3325000 MDL Number MFCD00005183

Purity ? 99.5%

UN Number 2923 8/PG 3

pK_a = 6.95

The useful pH range of an Imidazole can be 6.2 - 7.8



HR2-819 is titrated to pH 7.0 using HCl

HR2-819 Measured Conductivity Range: 45.4 - 50.4 mS/cm at 25°C

HR2-819 Measured Refractive Index Range: 1.34836 - 1.34904 at 20°C

Titrate HR2-573 to the desired pH using HCl

HR2-573 Measured pH Range: 10.5 - 10.7 at 25°C

HR2-573 Measured Conductivity Range: 71.1 - 101.5 μ S/cm at 25°C

HR2-573 Measured Refractive Index Range: 1.34420 - 1.34440 at 20°C

Ca $\geq$ 0.001%

Cd $\geq$ 0.0005%

Cl $\geq$ 0.005%

Co $\geq$ 0.0005%

Cr $\geq$ 0.0005%

Cu $\geq$ 0.0005%

Fe $\geq$ 0.0005%

K $\geq$ 0.005%

Mg $\geq$ 0.0005%

Na $\geq$ 0.005%

Ni $\geq$ 0.0005%

Pb $\geq$ 0.0005%

SO₄ $\geq$ 0.005%

Zn $\geq$ 0.0005%

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

Product features:

CRF - TIPO: Imidazole Buffer