



SPECIFICATION

Product Code: 52780

Product Name: HEPES (BUFFER)

[4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid;
N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulfonic acid)]



(Good zwitteruonic buffer substance
Suitable for tissue culture work
pka - 7.5,
Useful pH range 6.8-8.2)

C₈H₁₈N₂O₄S

M.W. 238.30

Min. assay 99%

Max. Limits of Impurities :

Melting point 210 - 220

Loss on drying at 105°C 1%

Chloride (Cl) 0.01%

Sulphate (SO₄) 0.01%

Iron (Fe) 0.0005%

Heavy metals (asPb) 0.0005%

A 5%aq., 250 nm Smooth 0.05
curve from 230 – 350 nm

CAS No. : 7365-45-9

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