

Product Specification Sheet



Product Code : BIO-1825
Identifier : HEPES
Grade : Ultra Pure
Appearance : White powder
Molecular Formula : $C_8H_{18}N_2O_4S$
Molecular Weight : 238.3 g/mol
Product Description : -
Storage Condition : Store at room temperature. Protect from moisture.

Assay:

Assay (potentiometric cal on dry substance)
Color (1M solution)
pKa (20°C)
Residue on ignition
Loss on Drying (105°C, 3 hours)
Absorbance - 260 nm (1mol/L, 1 cm)
Absorbance - 280 nm (1mol/L, 1 cm)
Heavy Metals (as Pb)
Heavy Metals (as Fe)
Sulfate

Specification:

> 99.5 %
PASS
7.35 – 7.69
≤ 0.1 %
≤ 1.0 %
≤ 0.05
≤ 0.05
≤ 0.001 %
≤ 0.0005 %
≤ 0.05 %

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