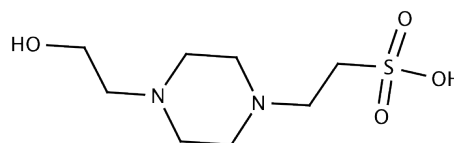


Product Specification

Product Name : HEPES
Glentham Code : GB3086
CAS Number : 7365-45-9
EINECS : 230-907-9
MDL Number : MFCD00006158
PubChem SID : 310274501



Molecular Weight : 238.31
Molecular Formula : C₈H₁₈N₂O₄S
Storage Temp. : +20°C

Property	Specification
Physical Description	White crystalline powder
Solubility (1M in water)	Clear, colourless solution
pH (5% in water)	5.0 - 6.5
Loss on Drying	≤ 0.5%
UV Absorption (1M in water)	260nm: ≤ 0.05 280nm: ≤ 0.04 405nm: ≤ 0.01
Residue on Ignition	≤ 0.1%
Heavy Metals (as Pb)	≤ 5ppm
Assay (Titration)	≥ 99.5% (dried basis)

Specification Version : v1.1
Date Created : 2015-11-16

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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