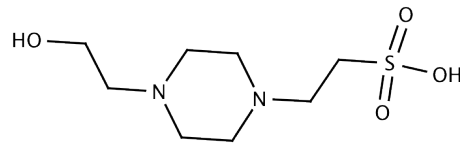


Product Specification

Product Name : HEPES, 99.5%, GlenCell™, suitable for cell culture
Glentham Code : GM5581
CAS Number : 7365-45-9
EINECS : 230-907-9
MDL Number : MFCD00006158

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



Property	Specification
Physical Description	White crystalline powder
Solubility (25% in water)	Clear, colourless solution
pH (5% in water)	5.0 - 6.5
Heavy Metals (as Pb)	≤ 5ppm
Residue on Ignition	≤ 0.1%
UV Absorption (1M in water)	260nm: ≤ 0.05 280nm: ≤ 0.04 405nm: ≤ 0.01
Loss on Drying	≤ 0.3%
Endotoxins	≤ 50EU/g
Assay (Titration)	99.5 - 100.5 % (dried basis)
Specification Version	: v1.0
Date Created	: 2016-10-11

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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