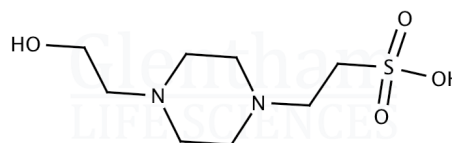


Product Specification

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	$C_8H_{18}N_2O_4S$
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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