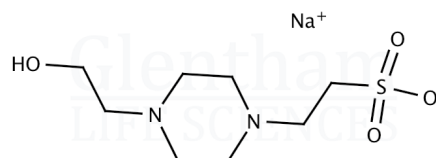


Certificate of Analysis

Product Name	HEPES hemisodium salt
Glentham Code	GK6272
CAS Number	103404-87-1
MDL Number	MFCD00036463
PubChem SID	310274502
Batch Number	015ZAV
Molecular Weight	497.58
Molecular Formula	$(C_8H_{17}N_2O_4S)_2Na$
Storage Temp.	+20°C



Property	Specification	Batch 015ZAV
Physical Description	White crystalline powder	White crystalline powder
Solubility (25% in water)	Clear, colourless solution	Clear, colourless solution
pH (1% in water)	7.2 - 7.8 (20°C)	7.7
UV Absorbance (0.5M in water)	280nm: ≤ 0.08	0.02
	260nm: ≤ 0.10	0.04
Heavy Metals (as Pb)	≤ 5ppm	≤ 5ppm
Loss on Drying	≤ 3.0% (105°C)	2.5%
Assay (Titration)	≥ 99.0% (dried basis)	99.5%

Specification Version	v1.0
Manufacture Date	2023-09-01
Re-Test Date	2031-07-27

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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