

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38765
Lot Number	001135-1871003
Product	HEPES N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulfonic acid)
CAS Number	7365-45-9
Molecular Formula	C ₈ H ₁₈ N ₂ O ₄ S
Molecular Weight	238.30

Appearance	White powder
Solubility	Clear and complete solution (0.1 M in H ₂ O)
pH	5.3
pKa	7.55 at 25 °C
UV Ratios	A ₂₆₀ nm (1M in H ₂ O) : 0.01 A ₂₈₀ nm (1M in H ₂ O) : 0.01 A ₂₉₀ nm (33% in H ₂ O) : 0.01
Loss on Drying	0.2% (140 °C, 30 mins)
Sulfated Ash	0%
Assay by titration	100.2%
Grade	Suitable for cell culture
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager