

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	38764
Lot Number	001135-0221209
Product	HEPES sodium salt N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulfonic acid) sodium salt 4-(2-Hydroxyethyl)-1-piperazineethanesulfonic acid sodium salt
CAS Number	75277-39-3
Molecular Formula	C ₈ H ₁₇ N ₂ O ₄ SNa
Molecular Weight	260.30

Appearance	White powder
Solubility	Clear and complete (1M in water)
pH	11.1
pKa	7.54 at 25 °C
UV Ratios	UV Absorbance (1M in water) A280 nm : 0.06 UV Absorbance (1M in water) A260 nm : 0.10
Loss on Drying	0.6% (140 °C, 30 mins)
Assay by titration	100.1% (Dried basis)
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