

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

Lot Number	001135-0411105
Catalogue Number	00174
Product	4-(2-Hydroxyethyl)-1-piperazineethanesulfonic acid HEPES
CAS Number	7365-45-9
Molecular Formula	C ₈ H ₁₈ N ₂ O ₄ S
Molecular Weight	238.3
Appearance	White powder
Color (Pt-Co)	4 (455 nm, 33% in water)
Solubility	Clear and complete (1 M in water)
Heavy Metals	< 5 ppm (as Pb)
pH	5.3
pKa	7.51
Infrared Spectrum	Conforms to structure
Loss on Drying	0.2% (140 °C, 30 min.)
Absorbance	(1M in Water) at 260 nm : 0.01 (1M in Water) at 280 nm : 0.01 (33% in Water) at 290 nm : 0.01 (1M in Water) at 405 nm : 0.0
Sulfated Ash	0%
Assay by titration	100.1%
Storage	Store at RT
Country of Origin	Taiwan

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Lot Number: 001135-0411105

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