

HEPES, Sodium Salt
Ultrapure Bioreagent
For research and laboratory use only



Material No.: 4153-01
Batch No.: 0000031896
Manufactured Date: 2013/01/08
Retest Date: 2018/01/07

Certificate of Analysis

Test	Specification	Result
Assay (C ₈ H ₁₇ N ₂ NaO ₄ S) (dried basis)	>= 99.0 %	99.7
Appearance	Passes Test	PT
Solubility	Passes Test	PT
Loss on Drying at 80°C	<= 3.0 %	1.2
Insoluble Matter	<= 1.0 %	<0.1
Heavy Metals (as Pb)	<= 1 ppm	<1
Identification (Sodium)	Passes Test	PT
pH of 5% Solution at 25°C	9.5 - 11.5	10.4
pK ^a at 20°C, For Information Only		7.60
QC Supervisor or equivalent to check supplier's COA to ensure proper chemical form.	Passes Test	PT

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Country of Origin: CN
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

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