

## HEPES Buffer for molecular biology, 99.5%

[7365-45-9] (C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S) FW:238.31

Product code. BH010-500

Bio Grade

TESTS	UNIT	SPECIFICATION
Appearance	-	White crystalline powder
Solubility 10% aq. solution	-	To pass test
Assay	%	Min. 99.5
pH (5% Sol.)	-	5.0 ~ 6.5
Loss on drying	%	Max. 0.5
Residue on ignition (as Sulfate)	%	Max. 0.1
Chloride (Cl)	%	Max. 0.01
Sulfate (SO <sub>4</sub> )	%	Max. 0.01
Phosphate (PO <sub>4</sub> )	-	Max. 0.001
Iron (Fe)	%	Max. 0.0005
Heavy Metals (as Pb)	%	Max. 0.0005
Maximum UV Absorbance (10% water)	-	-
250 nm	-	Max. 0.1
DNase, RNase, Protease	-	Not detected

Test Method : DSP

Exp. Date : 5 years after Mfg. Date

### DUKSAN PURE CHEMICALS CO. LTD

Ansan | 53, Sinwon-ro 133beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea  
 JinCheon | 13-37, Sansusandan 1-ro, Deoksan-eup, Jincheon-gun,  
 Chungcheongbuk-do, Korea  
 TEL : +82-31-495-6886 FAX : +82-31-495-5335  
 World Wide Web : WWW.DUKSAN.KR



Quality Assurance Director