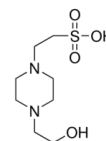


HEPES FOR MOLECULAR BIOLOGY

PRODUCT CODE	941220
SYNONYMS	N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulphonic acid)
C.I. NO.	--
CASR NO.	7365-45-9
ATOMIC OR MOLECULAR FORMULA	C₈H₁₈N₂O₄S
ATOMIC OR MOLECULAR WEIGHT	238.30
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
Description	White crystals or crystalline powder.
Solubility	Soluble in water.
Minimum assay (NaOH Titration)	99.50%
pH (1M in water at 25°C)	5.0 - 6.5

MAXIMUM LIMIT OF IMPURITY	
Loss on drying (at 110°C)	0.50%
UV absorbance 1 (1M in water at 260nm)	0.045
UV absorbance 2 (1M in water at 280nm)	0.035
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.005%
Aluminium (Al)	0.0005%
Arsenic (As)	0.00001%
Barium (Ba)	0.0005%
Bismuth (Bi)	0.0005%
Calcium (Ca)	0.001%
Cadmium (Cd)	0.0005%
Cobalt (Co)	0.0005%
Chromium (Cr)	0.0005%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.0005%
Lithium (Li)	0.0005%
Magnesium (Mg)	0.0005%
Manganese (Mn)	0.0005%
Molybdenum (Mo)	0.0005%
Nickel (Ni)	0.0005%
Strontium (Sr)	0.0005%
Zinc (Zn)	0.0005%

Note(s) : Assay (if applicable) method mentioned.

WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal: -----	



Product Specification

cdhfinechemical.com

Hazard Pictogram(s) :-----