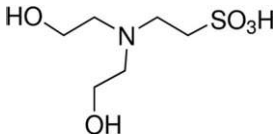




BES BUFFER

PRODUCT CODE	R05949	
SYNONYMS	(N,N-Bis(2-hydroxyethyl)-2-aminoethanesulfonic acid),	
C.I. NO.	--	
CASR NO.	(10191-18-1)	
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₅ NO ₅ S	
ATOMIC OR MOLECULAR WEIGHT	213.25	
PROPERTIES	---	
PARAMETER	LIMIT	
Description	White crystalline powder.	
Solubility	10% solution in water is clear & colourless	
Minimum assay (Acidimetry)	99.0%	
pH of(1% solution in water)	4.1 - 4.5	
MAXIMUM LIMIT OF IMPURITIES		
UV Absorption (c=1 M in water at 260 nm)	0.095	
Loss on drying(105°C)	1.0%	
Aluminium (Al)	0.0005%	
Antimony (Sb)	0.0005%	
Arsenic (As)	0.0003%	
Barium (Ba)	0.0005%	
Bismuth (Bi)	0.0005%	
Cadmium (Cd)	0.0005%	
Calcium (Ca)	0.003%	
Chromium (Cr)	0.0005%	
Cobalt (Co)	0.0005%	
Copper (Cu)	0.0005%	
Iron (Fe)	0.0005%	
Lithium (Li)	0.0005%	
Magnesium (Mg)	0.0005%	
Manganese (Mn)	0.0005%	
Molybdenum (Mo)	0.0005%	

Sodium (Na)	0.0025%
Nickel (Ni)	0.0005%
Lead (Pb)	0.0005%
Zinc (Zn)	0.0005%

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code :--

UN No. :--

IATA :--



Replace Date 1-June-2023