



SPECIFICATION

Product Code: 12790



Product Name : BES BUFFER FOR BIOCHEMISTRY

(N,N-Bis(2-Hydroxyethyl)-2-aminoethanesulfonic acid)

$C_6H_{15}NO_5S$

M.W. 213.25

Minimum assay (Alkalimetric) 99%

Identity (IR) Passes test

UV-Absorption
(250nm, 5%, 1cm, water) max 0.05

Maximum Limits of Impurities :

Chloride (Cl) 0.005%

Sulphate (SO_4) 0.005%

Heavy metals (Pb) 0.0005%

Sodium (Na) 0.01%

Loss on drying (105^0c) 0.5%

Biological buffer pK_a at 20^0c 7.15

CAS No. : 10191-18-1

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