



BIMAL PHARMA PVT. LTD.

TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : N-N-Bis(2-hydroxyethyl)-2-Aminoethanesulfonic Acid **[BES]**
CAS No. : 10191-18-1
Molecular Wt. : 213.25
Molecular Formula : $C_6H_{15}NO_5S$
Shelf Life : 2 Years
Storage : 15 °C to 30 °C

SR. NO.	ITEM	SPECIFICATION	RESULTS
1.	Appearance	White crystalline powder	Conforms
2.	Assay	99.0% – 101.0%	99.70%
3.	Solubility & Color (10% aq.)	Clear , Colorless Solution	Conforms
4.	Water Content , (Loss on Drying)	≤ 0.5%	0.35%
5.	pH value (1.0% aq.)	2.5 – 5.0	4.2
6.	Melting Point	150 °C to 155 °C	154 °C
7.	Heavy Metals (Pb)	≤ 0.0005% (5 ppm)	0.0002%
8.	Residue on Ignition (Sulphated Ash)	≤ 0.1%	Conforms
9.	Ultraviolet absorbance (10% aq.) (250 nm)	≤0.1	Conforms