
Certificate of Analysis

Product Name	: BES BUFFER (N,N-BIS[2-HYDROXYETHYL]-2 AMINOETHANESULPHONIC ACID)	Product Code	: 92434- 100 G
Batch Number	: F24E218	CAS Number	: 10191-18-1
Mfg. Month & Year	: May, 2024	Exp. Month & Year	: April, 2027

Test	Results	Specification
APPEARANCE	Complies	White crystalline powder.
SOLUBILITY	Complies	0.1 M in water, clear & colourless.
GUARANTEE ANALYSIS		
ASSAY	100.71%	NLT 99.0%
MELTING RANGE	152.6 - 153.8°C	152.0 - 154.0°C
MAXIMUM LIMITS OF IMPURITIES		
LOSS ON DRYING AT 105°C	0.03%	0.5%
CHLORIDE (Cl)	< 0.005%	0.005%
SULPHATE (SO ₄)	< 0.005%	0.005%
UV ABSORBANCE		
WAVELENGTH		MAXIMUM ABSORBANCE
260 nm	0.007%	0.10%
280 nm	0.007%	0.08%

REMARKS:

This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.

Dr. Rashmi Ranjan Mohanty
Director-Technical

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