

TMB 016 – BES-BUFFER

REF NO: TBL/QA/SS/LC/TMB 016	STANDARD SPECIFICATION FOR BES-BUFFER	Rev. No: 03
Issue No: 04		Review Date: 26/10/2025
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PRODUCT PROPERTIES

C.A.S Number	10191-18-1
Chemical Formula	C ₆ H ₁₅ N ₅ O
Formula weight	213.25
Functional Uses	It is used as biobuffer to investigate the aqueous medium self-assembly of heterometallic CuI/Li 3D coordination polymers
Standard Packaging	25 gm & 100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals or powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1 M in water at 25°C)	2.5 – 5.0
Loss on drying (at 105°C, 2 hr)	NMT – 1.0%
DNases	None detected
RNases	None detected
Assay	NMT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

