

TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : 3-(4-Morpholino) Propane Sulfonic Acid, Sodium Salt.
MOPS-Na
: MOPS Sodium Salt

CAS No. : 71119-22-7
Molecular Wt. : 231.24
Molecular Formula : $C_7H_{14}NNaO_4S$
Shelf Life : 2 Years

SR. NO.	ITEM	SPECIFICATION	RESULTS
1.	Appearance	White crystalline powder	Conforms
2.	Assay	98.0% – 101.0%	99.82%
3.	Solubility (0.1M aq.)	Clear, Colorless Solution	Conforms
4.	Heavy Metals , ppm (Lead)	≤ 5	Conforms
5.	Loss on Drying	≤0.5%	0.40%
6.	pH value (1%. aq.)	9.5 – 9.9	9.73
7.	Ultraviolet absorbance (0.1M. aq.) (280 nm)	≤0.03	0.023
8.	Ultraviolet absorbance (0.1M. aq.) (260 nm)	≤0.05	0.031