

**TYPICAL CERTIFICATE OF ANALYSIS**

**Name of the product : 3-(4-Morpholino) Propane Sulfonic Acid (MOPS)**

**CAS No. : 1132-61-2**  
**Molecular Wt. : 209.26**  
**Molecular Formula : C<sub>7</sub>H<sub>15</sub>NO<sub>4</sub>S**  
**Shelf Life : 2 Years**

<b>SR. NO.</b>	<b>ITEM</b>	<b>SPECIFICATION</b>	<b>RESULTS</b>
1.	Appearance	White crystalline powder	Conforms
2.	Assay	99.0% – 101.0%	99.20%
3.	Solubility	Clear, Colorless Solution	Conforms
4.	Heavy Metals , ppm ( Lead )	≤ 5.0	Conforms
5	Water Content , ( Loss on Drying )	≤ 1.0%	0.54%
6.	pH value (1M. aq.)	3.6 – 4.4	3.88
7.	Ultraviolet absorbance (40% aq.) (280 nm )	≤0.03	0.027
8.	Ultraviolet absorbance (40% aq.) (260 nm )	≤0.05	0.044