



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MORPHOLINOETHANE SULPHONIC ACID  
(MONOHYDRATE) (Mes Buffer)**

**CAS No : 145224-94-8                      Product code : 53470**  
**Mol. Formula : C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>S.H<sub>2</sub>O                      Batch No : MCR 4988-03**  
**Mol. WT : 213.25                                      Mfd. : Dec. 2018**  
**Date of analysis : 29/12/18                      Exp. : Nov. 2023**

S. R	Test	Specification	Observation
1	<b>Description</b>	White Powder or crystalline powder.	White powder.
2	<b>Assay</b>	99 % min	99.94%
3	<b>Water</b>	8 – 9%	8.1%
4	<b>Chloride (Cl)</b>	0.005% max	<0.005%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	<0.005%
6	<b>Sodium</b>	0.01% max	<0.01%
7	<b>A 5%aq., 250 nm Smooth curve from 230 – 350 nm</b>	0.05 max	0.02

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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