



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MOPSO BUFFER**

<b>CAS No</b>	<b>: 68399-77-9</b>	<b>Product code</b>	<b>: 16390</b>
<b>Mol. Formula</b>	<b>: 67H<sub>15</sub>NO<sub>5</sub>S</b>	<b>Batch No</b>	<b>: MCR-27255</b>
<b>Mol. WT</b>	<b>: 225.3</b>	<b>Mfd.</b>	<b>: Dec. 2022</b>
<b>Date Analysis</b>	<b>: 22/12/22</b>	<b>Exp.</b>	<b>: Nov. 2027</b>

S.R	Test	Specification	Observation
1	Description	White crystalline powder	White crystalline powder
2	Water	1% max	0.75%
3	Residue on ignition(as SO <sub>4</sub> )	0.2% max	0.10%
4	Melting point	275-280 <sup>0</sup> C	275.3 <sup>0</sup> C
5	Chloride (Cl)	500mg/kg (max)	<500mg/kg
6	Copper(Cu)	5 mg/kg (max)	<5 mg/kg
7	Sulphate (SO <sub>4</sub> )	50 mg/kg (max)	<50 mg/kg
8	Iron (Fe)	5 mg/kg (max)	<5 mg/kg
9	Calcium(Ca)	10 mg/kg (max)	<10 mg/kg
10	Potassium(k)	50 mg/kg (max)	<50 mg/kg
11	Cadmium(Cd)	5 mg/kg (max)	<5 mg/kg
12	Magnesium(Mg)	5 mg/kg (max)	<5 mg/kg
13	Cobalt(Co)	5 mg/kg (max)	<5 mg/kg
14	Manganese(Mn)	5 mg/kg (max)	<5 mg/kg
15	Nickel(Ni)	5 mg/kg (max)	<5 mg/kg
16	Lead(Pb)	5 mg/kg (max)	<5 mg/kg
17	Cromium(Cr)	5 mg/kg (max)	<5 mg/kg
18	Sodium(Na)	500 mg/kg (max)	<500 mg/kg
19	Zinc(Zn)	5 mg/kg (max)	<5 mg/kg
20	Assay	99.0% <sub>min</sub>	99.32%

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

[Tested By]

[QC Incharge]

CHEMIST  
(Asmita)

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

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

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503