



# Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69, G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)  
 Telefax : 91-265-2841531, 2841532, 2841534, 2841535  
 Email: salesindia@qualikems.com, www.qualikems.com

## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	:	MOPS Buffer	<b>CAS No.</b>	:	1132-61-2
<b>Molecular Formula</b>	:	C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub> S	<b>Molecular Weight</b>	:	209.26 g/mole
<b>Batch No.</b>	:	QF2601054	<b>Grade</b>	:	LR
<b>Mfg. Date</b>	:	January-2026	<b>Retest Date</b>	:	December-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White crystalline powder	Complies
2	Solubility	Clear colourless	Complies
3	Assay	Min 99.0 %	99.62 %
4	Ph (10%)	3.5-4.0	3.74
5	Sulphated ash	Max 0.1 %	0.04 %
6	Sulphate (SO <sub>4</sub> )	Max 0.002 %	<0.002 %
7	Iron (Fe)	Max 0.0005 %	<0.0005 %
8	Heavy metals (Pb)	Max 0.001 %	0.0006 %
9	Absorbance (A) of 5% aq. Solution in a 1cm cell v/s H <sub>2</sub> O		
	@250 nm	Max 0.05	0.03
	Smooth curve	230-350 nm	310 nm
	Water (KF)	Max 1.0 %	0.5 %

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

Sales Office : 5531, Basti Harphool Singh Sadar Thana Road, Delhi-110006, INDIA  
 Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476



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