

CERTIFICATE OF ANALYSIS

Product Name:	MES monohydrate	Batch No.	JL20230729
Cas	145224-94-8	MF Date	Jul. 29, 2023
Packing	25KGS/DRUM	Analysis Date	Jul. 29, 2023
Quantity	100KGS	Expiry Date	Jul. 28, 2026
ITEM 分析项目	STANDARD 技术指标	RESULT 实测结果	
Appearance	White crystalline Powder	Conform	
Solubility (10% soln in H ₂ O)	Clear	Conform	
Color of a 1M Alkaline solution	Clear/colorless	Conform	
Loss on drying	7-10%	8.95%	
PH(1% soln in H₂O, 25°C)	2.5-4.0	3.68	
Pka(20°C)	6.02-6.25	6.14	
Heavy metals(as Pb)	≤0.001%	<0.001%	
Fe	≤0.001%	<0.001%	
Chloride	≤0.01%	0.002%	
Sulfate	≤0.01%	0.005%	
Absorbance (250nm,10%)	≤0.05	0.016	
Assay (by titn, dried basis)	≥99.0%	99.41%	
Conclusion	Qualified		

Analyst: Wen Qian**Quality Assurance Officer: Zhan Peng**