

## Certificate of Analysis

Date of Testing: 2023-10-31 13:29:49  
Date of Next Testing: 2027-10-30 13:29:49  
Product Name: **MES**  
CAS Number: 4432-31-9  
Specifications & Purity:  $\geq 99\%(T), \text{water} \leq 1.0\%$   
Lot #: J2323064  
SKU #: **M108954**  
**Analysis:** **023948**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 290nm(25%,H <sub>2</sub> O)	0-0.05	0.04
Purity (Titration by NaOH)(anhydrous)	99-101 (%)	99.53 %
Water by Karl Fischer	0-1 (%)	0.63 %
Heavy metal (as Pb)	0-5 (ppm)	0.60 ppm
Appearance (M108954)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,1g/4ml water	Clear colorless	Clear Colorless



John Su  
QA & QC Manager