

## Certificate of Analysis

Date of Testing: 2023-12-15 14:55:13  
Date of Next Testing: 2025-12-04 14:55:13  
Product Name: **Maleic acid**  
CAS Number: 110-16-7  
Specifications & Purity: pharmaceutical , EP,USP  
Lot #: C2226516  
SKU #: **M108866**  
**Analysis: 305169**

Parameter	Limit Values	Result
Purity(anhydrous)	99-100 (%)	99.32%
Water by Karl Fischer	0-2 (%)	1.07%
Sulfate Ash	0-0.1 (%)	0.03%
Heavy metals	0-10 (ppm)	3.90 ppm
Iron(Fe)	0-5 (ppm)	2.10 ppm
Appearance (M108866)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Yellow,Clear,1g/10ml	pass	Pass



John Su  
QA & QC Manager