

## Certificate of Analysis

Date of Testing: 2024-11-29 11:41:25  
Date of Next Testing: 2026-11-19 11:41:25  
Product Name: **Maleic acid**  
CAS Number: 110-16-7  
Specifications & Purity: pharmaceutical grade, PharmPure™, Ph.Eur., USP  
Lot #: K2418320  
SKU #: **M108866**  
Version: **0**  
Analysis #: **441985**

Parameter	Limit Values	Result
Purity(anhydrous)	99-100 (%)	99.16 %
Water by Karl Fischer	0-2 (%)	0.48 %
Sulfate Ash	0-0.1 (%)	0.01 %
Heavy metals	0-10 (ppm)	0.59 ppm
Iron(Fe)	0-5 (ppm)	0.47 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