

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-14 17:23:31  
Date of Next Testing: 2025-03-03 17:23:31  
Product Name: **Maleic acid**  
CAS Number: 110-16-7  
Specifications & Purity: pharmaceutical , EP,USP  
Lot #: F2116328  
SKU #: **M108866**  
**Analysis: 198995**

Parameter	Limit Values	Result
Purity(anhydrous)	99-100 (%)	99.17%
Water by Karl Fischer	0-2 (%)	0.22 %
Sulfate Ash	0-0.1 (%)	0.00 %
Heavy metals	0-10 (ppm)	6.00 ppm
Iron(Fe)	0-5 (ppm)	1.81 ppm
Appearance (M108866)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Yellow, Clear, 1g/10ml	pass	Pass



John Su  
QA & QC Manager