

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-11 16:35:52  
 Date of Next Testing: 2026-12-01 16:35:52  
 Product Name: **Maleic anhydride**  
 CAS Number: 108-31-6  
 Specifications & Purity: AR, ≥99%(GC)  
 Lot #: L2409699  
 SKU #: **M116389**  
 Version: **2**  
 Analysis #: **436755**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                            | Limit Values                  | Result                        |
|--------------------------------------|-------------------------------|-------------------------------|
| Melting point                        | 52-56 (°C)                    | 54.31000 °C                   |
| Purity(GC)                           | 99-100 (%)                    | 99.93200 %                    |
| Insoluble matter in H <sub>2</sub> O | 0-0.005 (%)                   | 0.00000 %                     |
| Ignition Residue (as sulfate)        | 0-0.01 (%)                    | 0.00000 %                     |
| Appearance (M116389)                 | White powder, crystals, solid | White powder, crystals, solid |
| Solubility in H <sub>2</sub> O       | Almost transparency           | almost transparency           |
| Infrared spectrum                    | Conforms to Structure         | Conforms to Structure         |



John Su  
QA & QC Manager