

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-13 15:39:13  
 Date of Next Testing: 2027-05-13 15:39:13  
 Product Name: **Magnesium L-lactate hydrate**  
 CAS Number: 18917-93-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2406152  
 SKU #: **M345475**  
 Version: **1**  
 Analysis #: **343573**  
 Storage Temperature: Room temperature

| Parameter                                            | Limit Values                                         | Result                                               |
|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Arsenic(As)                                          | 0-3 (ppm)                                            | 0.00000 ppm                                          |
| Heavy metals(as Pb)                                  | 0-10 (ppm)                                           | 0.00000 ppm                                          |
| Assay(Complexometric)(calculated on dried substance) | 97.5-102.5 (%)                                       | 99.70000 %                                           |
| Loss on drying                                       | 20-23 (%)                                            | 14.62205 %                                           |
| Appearance(M345475)                                  | White or almost white crystalline or powder or Solid | White or almost white crystalline or powder or Solid |
| ICP: Confirms Magnesium Component                    | Confirmed                                            | Confirmed                                            |
| Infrared spectrum                                    | Conforms to Structure                                | Conforms to Structure                                |



John Su  
QA & QC Manager