

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-10 19:25:37  
 Date of Next Testing: 2026-02-09 19:25:37  
 Product Name: **Magnesium carbonate**  
 CAS Number: 23389-33-5  
 Specifications & Purity: PharmPure™, USP, light powder  
 Lot #: A2330495  
 SKU #: **M303145**  
 Version: **2**  
 Analysis #: **128890**  
 Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| MgO                                 | 40-43.5 (%)           | 41.50000 %            |
| (As)Arsenic                         | 0-4 (ppm)             | 2.10000 ppm           |
| Calcium(Ca)                         | 0-0.45 (%)            | 0.26000 %             |
| Iron(Fe)                            | 0-200 (ppm)           | 112.00000 ppm         |
| Acid Insoluble matter               | 0-0.05 (%)            | 0.04000 %             |
| Soluble salts                       | 0-1 (%)               | 0.07400 %             |
| bulk density                        | 0.1-0.15 (g/ml)       | 0.12000 g/ml          |
| Residual solvents                   | complies              | complies              |
| Absence of Specified microorganisms | Pass                  | Pass                  |
| Microbial Enumeration Tests         | Pass                  | Pass                  |
| X-Ray Diffraction                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager