

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-15 11:36:12  
Date of Next Testing: 2025-06-14 11:36:12  
Product Name: **Zoledronic Acid Monohydrate**  
CAS Number: 165800-06-6  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: F2308468  
SKU #: **Z140117**  
**Analysis:** **241948**  
Storage Temperature: Protected from light, Room temperature

| Parameter             | Limit Values                                     | Result   |
|-----------------------|--|--|
| Water by Karl Fischer | 5-8.8 (%)  | 8.71 %   |
| Purity(HPLC)          | 98-100 (%)                                       | 98.67400 %                                       |
| Appearance (Z140117)  | White to Almost white to beige powder to crystal | White to Almost white to beige powder to crystal |
| Proton NMR spectrum   | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager