



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-16 16:54:18  
Date of Next Testing: 2024-02-12 16:54:18  
Product Name: **Silk Fibroin**  
CAS Number:  
Specifications & Purity: molecular weight 6-10kDa  
Lot #: H2212549  
SKU #: **W293432**  
Version: **1**  
**Analysis #:** **119457**  
Storage Temperature: Store at -20°C

| Parameter            | Limit Values    | Result        |
|----------------------|-----------------|---------------|
| pH(5%)               | 6.5-7.5         | 7.34000       |
| Molecular Weight     | 6000-10000 (Da) | 7000.00000 Da |
| Turbidity NTU (5%)   | 0-300           | 121.00000     |
| Cell viability       | 95-100 (%)      | 98.00000 %    |
| Appearance (W293432) | White sponge    | White sponge  |

John Su  
QA & QC Manager