

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-01 10:49:41  
 Date of Next Testing: 2028-07-31 10:49:41  
 Product Name: **Tremella polysaccharide**  
 CAS Number: 9075-53-0  
 Specifications & Purity: Molecular weight < 100,000 Da; cosmetic grade  
 Lot #: G2426044  
 SKU #: **T399650**  
 Version: **1**  
 Analysis #: **047638**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                 | Limit Values                            | Result                                  |
|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| Assay of glucuronic acid                  | ≥18 (%)                                 | 20.60000 %                              |
| Assay of total saccharide                 | ≥90 (%)                                 | 98.40000 %                              |
| pH(0.5%in water)                          | 5.5-8                                   | 6.80000                                 |
| Transmittance(55nm,0.25%in water) ≥99 (%) |                                         | 99.60000 %                              |
| Loss on drying                            | ≤10 (%)                                 | 6.90000 %                               |
| Residue on Ignition                       | ≤10 (%)                                 | 4.52000 %                               |
| Molecular Weight                          | < 1000000                               | 880000.00000                            |
| Protein                                   | ≤0.1 (%)                                | 0.05000 %                               |
| Heavy metal(as Pb)                        | ≤20 (meq(mg)/kg)                        | 11.23000 meq/kg                         |
| Bacteria counts                           | ≤200 (cfu/g)                            | 101.21000 cfu/g                         |
| Molds and yeasts                          | ≤100 (cfu/g)                            | 55.69000 cfu/g                          |
| Appearance(T399650)                       | White or almost white powder or granule | White or almost white powder or granule |
| Staphylococcus Aureus                     | Negative                                | Negative                                |
| Pseudomonas Aeruginosa                    | Negative                                | Negative                                |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager