

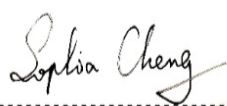
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-20 22:21:20
 Date of Next Testing: 2027-06-20 22:21:20
 Product Name: Mussel Adhesive Proteins
 Lot #: ZJ25F0826424
 SKU #: rp212901
 Version: 3
 Analysis #: 036994
 Source: Recombinant
 Specifications & Purity: Animal Free, Carrier Free, For Molecular Biology, Sterile-Filtered, ≥90% (SDS-PAGE), DL-DOPA: ≥3%
 Concentration: DL-DOPA: 5.54%
 Formulation: Lyophilized
 Reconstitution: Purified water.
 Storage Conditions: Store at -20°C, Desiccated, Avoid repeated freeze-thaw cycles
 Analysis: 036994

Parameter	Limit Value	Result
DL-DOPA	3-100(%)	5.50000 %
Water content	0-15(%)	8.10000 %
Appearance(rp212901)	White or yellowish powder	White or yellowish powder
Adhesion ≥400 N	Conform	Conform
Solubility ≥5.9mg/mL	Conform	Conform
Heavy metal <10 ppm	Conform	Conform
total bacterial count ≤200 cfu/g	Conform	Conform
Total fungal count ≤100 cfu/g	Conform	Conform
E. coli and pyogenic bacteria	Not detected	Not Detected
Protein content (Lowry method) >95%	Conform	Conform
Purity(SDS-PAGE) ≥90%	Conform	Conform
Endotoxin Level <0.1 EU/μg	Conform	Conform



Sophia Cheng
 Quality Assurance