

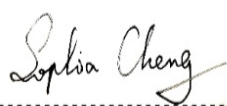
ALADDIN SCIENTIFIC CORPORATION

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 #:	ZJ25F0826426
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