

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Mussel Adhesive Proteins
SKU #:	rp212901
Version:	3
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, For Molecular Biology, Sterile-Filtered, ≥90% (SDS-PAGE), DL-DOPA: ≥3%
Concentration:	DL-DOPA: ≥3%
Formulation:	Lyophilized
Reconstitution:	Purified water.
Storage Conditions:	Store at -20°C, Desiccated, Avoid repeated freezing and thawing

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