

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-06-19 17:26:24
Date of Next Testing:	2024-06-18 17:26:24
Product Name:	Recombinant Human Beta-Defensin 3 Protein
Lot #:	ZJ23F0600352
SKU #:	rp143202
Version:	3
Analysis #:	000423
Source:	Recombinant
Specifications & Purity:	Animal Free, >98%(SDS-PAGE, HPLC), Active, E.coli, No tag, 23-67 aa
Concentration:	
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	000423

Parameter	Limit Value	Result
Molecular Weight	4.2-6.2(kD)	5.20000 kD
Purity(SDS-PAGE)	98-100(%)	98.43000 %
Activity(ED50)	0-30(µg/ml)	17.57500 µg/ml
Appearance(rp143202)	White lyophilized powder	White lyophilized powder
Endotoxin Level <1 EU/µg	Conform	Conform



Sophia Cheng  
Quality Assurance