

ALADDIN SCIENTIFIC CORPORATION  
 14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-03-26 21:05:33
Date of Next Testing:	2025-03-26 21:05:33
Product Name:	Recombinant Human Leptin Protein
SKU #:	rp148245
Lot #:	ZJ23F0600321
Source:	Recombinant
Specifications & Purity:	Animal Free, >97%(SDS-PAGE and HPLC), Active, E.coli, No tag, 22-167 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:	003678

Parameter	Limit Value	Result
Molecular Weight	12.8-19.2(kD)	16.10000 kD
Purity(SDS-PAGE)	97-100(%)	98.00000 %
Activity(ED50)	0-2(ng/ml)	1.70000 ng/ml
Appearance(rp148245)	White lyophilized powder	White lyophilized powder
Endotoxin Level <1 EU/μg	Conform	Conform



-----  
 Sophia Cheng  
 Quality Assurance