

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-12-20 13:24:28
Date of Next Testing:	2025-12-19 13:24:28
Product Name:	Cemiplimab (anti-PD-1)
SKU #:	C412010
Lot #:	ZJ23F1202079
Clone ID:	
Isotype:	Human IgG4
Source:	CHO supernatant
Formulation:	Liquid
Concentration:	4.02mg/mL
Buffer Solution:	
Storage Conditions:	Store at -80°C, Avoid repeated freezing and thawing
Analysis:	001074

Parameter	Limit Value	Result
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Purity (SEC)	95-100(%)	100.00000 %
Molecular Weight	152.6-186.6(kD)	169.60000 kD
Appearance(C412010)	Colourless liquid	Colourless liquid
Endotoxin Level <1 EU/mg	Conform	Conform
PD-1 binding	Conform	Conform



Sophia Cheng  
Quality Assurance