

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-05-15 16:24:32
Date of Next Testing:	2026-05-15 16:24:32
Product Name:	Toripalimab (anti-PD-1)
Lot #:	ZJ24F0505640
SKU #:	Ab182801
Version:	1
Analysis #:	003531
Clone ID:	
Isotype:	Human IgG1
Source:	CHO supernatant
Formulation:	Liquid
Concentration:	3.41 mg/mL
Buffer Solution:	Supplied as a 0.22µm filtered solution in 100mM Pro-Ac, 20mM Arg, pH 5.0
Storage Conditions:	Store at -80°C, Avoid repeated freezing and thawing
Analysis:	003531

Parameter	Limit Value	Result
Purity(SDS-PAGE)	95-100(%)	100.00000 %
Purity (SEC)	95-100(%)	100.00000 %
Molecular Weight	191.3-233.9(kD)	212.60000 kD
Appearance(Ab182801)	Colourless liquid	Colourless liquid
Endotoxin Level <1 EU/mg	Conform	Conform
PD-1 binding	Conform	Conform
Cell binding	Conform	Conform



Sophia Cheng
Quality Assurance