

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-14 16:31:57

Date of Next Testing: 2027-04-14 16:31:57

Product Name: Nivolumab (anti-PD-1)

Lot #: ZJ25F0420406

SKU #: N411994

Version: 2

Analysis #: 014797

Clone ID:

Isotype: Human IgG4SP

Source: CHO supernatant

Formulation: Liquid

Concentration: 9.72mg/mL

Buffer Solution: Supplied as a 0.22 µm filtered solution in 100mM Pro-Ac, 20mM Arg, pH 5.0

Storage Conditions: Store at -80°C, Avoid repeated freezing and thawing

Analysis: 014797

Parameter	Limit Value	Result
Molecular Weight	160.7-196.5(kD)	179.46591 kD
Purity(SDS-PAGE)	95-100(%)	95.50000 %
Purity (SEC)	95-100(%)	100.00000 %
Appearance(N411994)	Colourless liquid	Colourless liquid
Endotoxin Level <1 EU/mg	Conform	Conform
Cell binding	Conform	Conform
PD-1 binding	Conform	Conform



Sophia Cheng
Quality Assurance