

Certificate Of Analysis

Name: Nivolumab
CAS No.: 946414-94-4
Cat No.: A936431
Molecular Formula:
Molecular Weight:
Batch No.: N19022020
Mfg.Date: 2020.02.19
Exp.Date: 2022.02.18

Items	Specifications	Results
Appearance	Light yellow to colorless liquid	Conforms
Ph value	6.0±0.3	6.0
Concentration	10.0±1.0mg/ml	10.2mg/ml
Non-reduced CE-SDS	Main peak NLT 90.0%	98.0%
SEC-HPLC	Main peak NLT 95.0%	99.7%
Isoelectric Point	Corresponds to reference standard	Conforms
Bacterial endotoxins	NMT 3EU/mg	<1EU/mg
Residual proteins of host cell	NMT 100ng/mg	<1 ng/mg
Exogenous residual DNA	NMT 100pg/mg	<1 pg/mg
Residual protein A	NMT 100 ng/mg	<1 ng/mg
Biological Activity	Compared with standard, the range of biological activity is from 80% to 125%	107.0%
Osmolality	Corresponds to reference standard	Conforms
Peptide mapping	Corresponds to reference standard	Conforms
N-terminal sequence	Corresponds to reference standard	Conforms
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker: