

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 11:28:50
 Date of Next Testing: 2024-03-12 11:28:50
 Product Name: **mRNA Cap 2'-O-Methyltransferase**
 CAS Number:
 Specifications & Purity: pharmaceutical grade, PharmPure™
 Lot #: C2302600
 SKU #: **C406452**
 Version: **2**
 Analysis #: **180916**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
pH	7.5-8.5	7.90000
Purity(HPLC)	95-100 (%)	100.00000 %
Endonuclease Residue(004-Dna Degradation)	≤10 (%)	4.10000 %
Exonuclease Residue(019 The Degradation Of Hinditi Dna)	≤10 (%)	2.70000 %
Rnase Residue(Degradation Of 293-RNA)	≤10 (%)	0.00000 %
Host Protein Residue	≤50 (ppm)	0.00000 ppm
Heavy metals	≤10 (ppm)	5.60000 ppm
Enzyme activity	49000-51000 (IU/ml OR u/ml)	50000.00000 IU/ml OR u/ml
Bacterial endotoxins	0-5 (EU/ml)	4.90000 EU/ml
Exogenous DNA residue	≤100(μg/kg OR ng/g)	0.20000 μg/kg OR ng/g
Exterior	Clear Liquid	Clear liquid
Visible Foreign Body	Compliance	Compliance
Mycoplasma Detection	Feminine	Feminine



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager