



CERTIFICATE OF ANALYSIS

Product Description: CX-024414 Moderna Part #: 40072
Manufacturer Name: Moderna Container/Closure: (b) (4)
Manufacturer Lot: 4007220002
Moderna Lot Number: 4007220002 Specification: SPC-0995
Date of Manufacture: 04May2020 Expiry Date: 31Oct2020

Product Attribute	Method	Parameter	Specification	Result
Appearance	SOP-0278	Clarity	(b) (4)	
		Color		
		Particulates		
Identity	SOP-0492	Identity		
Total RNA Content	SOP-0249	Concentration		
Purity / Product Related Impurities	SOP-0321	Main Peak Area		
		% Pre-Main Peak		
		% Post Main Peak		
% 5' Capped	SOP-0467	Cap1		
% PolyA tailed RNA / % Tailless RNA	SOP-0291	Main Peak Area		
		Pre-Main Peak Area		
Residual DNA template	SOP-0491	Residual DNA Template		
pH	SOP-0288	pH		
Bacterial Endotoxins	USP <85>	Bacterial Endotoxins		
Bioburden	SOP-0480	TAMC		
		TYMC		

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This material meets specification: Yes

Revision History:

1.0 - Original

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