



CERTIFICATE OF ANALYSIS

Product Description:	CX-024414	Moderna Part #:	40074
Manufacturer Name:	Moderna	Container/Closure:	Mobius (b) (4)
Manufacturer Lot:	4007420004		
Moderna Lot Number:	4007420004	Specification:	SPC-1149
Date of Manufacture:	31Oct2020	Expiry Date:	30Apr2021

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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