



One Moderna Way • Norwood, MA 02062
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CERTIFICATE OF ANALYSIS

Product Description:	CX-024414	Moderna Part #:	40079
Manufacturer Name:	Moderna	Container/Closure:	Mobius (b) (4)
Manufacturer Lot:	4007921050		
Moderna Lot Number:	4007921050	Specification:	SPC-1149
Date of Manufacture:	29Jul2021	Expiry Date:	25Jan2022

Product Attribute	Method	Parameter	Specification	Result
Appearance	SOP-0278	Clarity	(b) (4)	
		Color		
		Particulates		
Identity	SOP-1019	Identity		
Total RNA Content	SOP-0995	Total RNA Content		
Purity	SOP-0996	Purity		
		% IG1		
		% IG2		
% 5' Capped	SOP-0997	Cap1		
% Poly A Tailed and Tailless mRNA	SOP-0994	% Main Peak Area		
		% Pre-Main Peak		
Residual DNA template	SOP-1020	Residual DNA Templat		
pH	SOP-0288	pH		
Bacterial Endotoxins	USP <85>	Bacterial Endotoxins		

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Generated By: (b) (6)
Generated Date: 21-Sep-2021
Report: CommonCoA v1
Database: (b) (4)

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Product Attribute	Method	Parameter	Specification	Result
Bioburden	SOP-0480	TAMC	(b) (4)	
		TYMC		

This material meets specification: Yes

Revision History:

1.0 Original

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Generated Date: 21-Sep-2021

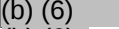
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Document Approvals
Approved Date: 22 Sep 2021

Approval Verdict: Approved	(b) (6)  (b) (6)  modernatx.com) Quality Control Approval 22-Sep-2021 04:08:34 GMT+0000
QA Approval Verdict: Approved	(b) (6)  (b) (6)  @modernatx.com) Quality Assurance Approval 22-Sep-2021 18:20:49 GMT+0000