

CERTIFICATE OF ANALYSIS

Product Description: CX-024414 Moderna Part #: 40079
Manufacturer Name: Lonza Biologics Inc (Portsmouth) Container/Closure: Mobius (b) (4)
Manufacturer Lot: 996648
Moderna Lot Number: 4007921027 Specification: SPC-1149
Date of Manufacture: 06May2021 Expiry Date: 02Nov2021

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 Template		
pH	SOP-0288	pH		
Bacterial Endotoxins	USP <85>	Bacterial Endotoxins		

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Generated Date: 16-Sep-2021
Report: CommonCoA v1
Database: (b) (4)

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Product Attribute	Method	Parameter	Specification	Result
Bioburden	USP <61>	TAMC	(b) (4)	
		TYMC		

This material meets specification: Yes

Revision History:

1.0 - Original

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Document Number: VV-QUAL-007287 eDMS Version: 1.0 Page 2 of 3
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FDA-CBER-2022-1614-3815485

Document Approvals
Approved Date: 17 Sep 2021

Approval Verdict: Approved	(b) (6) (b) (6)@modernatx.com) Quality Control Approval 17-Sep-2021 05:54:13 GMT+0000
QA Approval Verdict: Approved	(b) (6) (b) (6) @modernatx.com) Quality Assurance Approval 17-Sep-2021 15:04:04 GMT+0000