



CERTIFICATE OF ANALYSIS

Product Description: CX-024414 Moderna Part #: 40079
Manufacturer Name: Lonza Biologics Inc (Portsmouth) Container/Closure: Mobius (b) (4)
Manufacturer Lot: 1019794
Moderna Lot Number: 4007921028 Specification: SPC-1149
Date of Manufacture: 26Jul2021 Expiry Date: 22Jan2022

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: 13-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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