



CERTIFICATE OF ANALYSIS

Product Description: CX-024414 Moderna Part #: 40074
Manufacturer Name: Lonza Biologics Inc (Portsmouth) Container/Closure: Mobius (b) (4)
Manufacturer Lot: 944438
Moderna Lot Number: 4007420501 Specification: SPC-1149
Date of Manufacture: 03Dec2020 Expiry Date: 01Jun2021

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		
Bioburden	USP <61>	TAMC		
		TYMC		

CONFIDENTIAL - DO NOT DISTRIBUTE OUTSIDE OF MODERNATX, INC. WITHOUT WRITTEN PERMISSION

Generated By: Steven Anderson

Page 1 of 2

Generated Date: 04-Jan-2021

Document Number: VV-QUAL-006886 eDMS Version: 1.0 FDA-CBER-2022-1614-3815373



CERTIFICATE OF ANALYSIS

Product Description:	CX-024414	Moderna Part #:	40074
Manufacturer Name:	Lonza Biologics Inc (Portsmouth)	Container/Closure:	Mobius (b) (4)
Manufacturer Lot:	944438		
Moderna Lot Number:	4007420501	Specification:	SPC-1149
Date of Manufacture:	03Dec2020	Expiry Date:	01Jun2021

Product Attribute	Method	Parameter	Specification	Result
-------------------	--------	-----------	---------------	--------

This material meets specification: Yes

Revision History:

1.0 - Original

CONFIDENTIAL - DO NOT DISTRIBUTE OUTSIDE OF MODERNATX, INC. WITHOUT WRITTEN PERMISSION

Generated By: Steven Anderson

Page 2 of 2

Generated Date: 04-Jan-2021

Document Number: VV-QUAL-006886 eDMS Version: 1.0 FDA-CBER-2022-1614-3815374