



Analytical and Environmental Services Laboratory

Test Report

Report Number: 21-PPE-00283

Version: 1

Report Date: 30-Mar-2021

Attn: Dariush Firouzi
RONCO DISPOSABLE PRODUCTS LTD
70 Planchet Rd
Concord, On
L4K 2C7
Purchase Order: WIRE TRANSFER
Sample(s) received: 17-Mar-2021

Authorized by:

Ruwan Wijesundera, MASc

Scientist

Ruwan.Wijesundera@Kinectrics.com

Description: N95 WHITE MASKS FOR BFE, BLOOD PENETRATION L3 AND FLAMMABILITY ANALYSIS

Sample ID	Sample Name	Matrix	Sample Point	Sample Date
21-PPE-00283-1	N95 MASKS	Medical Mask		17-Mar-2021

Special Instructions:

Version comment: Initial report.

This test report shall not be reproduced except in full without written authorization of Kinectrics Inc.



Analytical and Environmental Services Laboratory

Test Report

Report Number: 21-PPE-00283

Version: 1

Report Date: 30-Mar-2021

Sample ID	Sample Name	Matrix	Sample Point	Sample Date
21-PPE-00283-1	N95 MASKS	Medical Mask		17-Mar-2021

Parameter / Analyte	Result	Units	Uncert.	DL	Spec. Limit	Analyzed On dd-mmm-yy	Method
BFE #001	100	%				25-Mar-21	ASTM F2101*
BFE #002	100	%				25-Mar-21	ASTM F2101*
BFE #003	100	%				25-Mar-21	ASTM F2101*
BFE #004	100	%				25-Mar-21	ASTM F2101*
BFE #005	100	%				25-Mar-21	ASTM F2101*
Positive Control Average	2855	CFU				25-Mar-21	ASTM F2101*
Negative Control	0	CFU				25-Mar-21	ASTM F2101*
Mean Particle Size (MPS)	3	micron				25-Mar-21	ASTM F2101*
Fluid Resistance @ 160 mmHg #001	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #002	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #003	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #004	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #005	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #006	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #007	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #008	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #009	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #010	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #011	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #012	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #013	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #014	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #015	Pass					24-Mar-21	ASTM F1862*



Analytical and Environmental Services Laboratory

Test Report

Report Number: 21-PPE-00283

Version: 1

Report Date: 30-Mar-2021

Parameter / Analyte	Result	Units	Uncert.	DL	Spec. Limit	Analyzed On dd-mmm-yy	Method
Fluid Resistance @ 160 mmHg #016	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #017	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #018	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #019	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #020	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #021	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #022	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #023	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #024	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #025	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #026	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #027	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #028	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #029	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #030	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #031	Pass					24-Mar-21	ASTM F1862*
Fluid Resistance @ 160 mmHg #032	Pass					24-Mar-21	ASTM F1862*
Burn Time #001	DNI					18-Mar-21	16 CFR 1610 Flammability*
DNI: Did not ignite.							
Burn Time #002	DNI					18-Mar-21	16 CFR 1610 Flammability*
Burn Time #003	DNI					18-Mar-21	16 CFR 1610 Flammability*
Burn Time #004	DNI					18-Mar-21	16 CFR 1610 Flammability*
Burn Time #005	DNI					18-Mar-21	16 CFR 1610 Flammability*

Instruments Used

Name	Serial Number	Last Calibration	Calibration Due
SphereFlash Auto Colony Counter	10007000/0171	Calibrated Before Use	



Analytical and Environmental Services Laboratory

Test Report

Report Number: 21-PPE-00283

Version: 1

Report Date: 30-Mar-2021

Instruments Used

Name	Serial Number	Last Calibration	Calibration Due
Dispensing Controller	KIN-06377	12-Jun-2020	12-Jun-2021
M015 45 Degree Automatic Flammability Tester	KIN-06428	13-Jul-2020	13-Jul-2023
TSI 4043 Mass Flow Meter #14	KIN-06466	01-Sep-2020	01-Sep-2021

The Analytical and Environmental Services Laboratory of Kinectrics is accredited by the Standards Council of Canada as conforming with ISO 17025.

The DL is the reported detection limit. All analytical data is subject to uncertainty, and is a function of the sample matrix, method and instrumental variations. As a general guideline, it can be expressed as +/-50% of the result at the detection limit (RDL) and approximately +/-10% of the result at greater than 10 times the RDL. Results in this report relate only to the items/samples tested and to all the items tested, as received. All tests are as defined by our understanding of customer requirements.

TECHNIQUE '*' = ISO 17025 accredited

TECHNIQUE 'x' = Indicates a modified test method

TECHNIQUE '+' = Indicates a sub-contracted analysis

All deliverables are provided as per our standard terms which can be found at the Terms of Business at:
<http://www.kinectrics.com/SiteCollectionDocuments/KinectricsStandardTCs.pdf>