



# Analytical and Environmental Services Laboratory

## Test Report

Report Number: 20-PPE-00235

Version: 1

Report Date: 16-Oct-2020

Attn: Andre Khayat  
Myant Inc.  
100 Ronson Drive  
Toronto  
ON  
Purchase Order: I401178

Sample(s) received: 15-Oct-2020

Authorized by:

Rob Taylor  
Service Line Leader - Analytical  
Chemistry  
Rob.Taylor@kinectrics.com

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Description: PPE MASKS FOR PFE AND DIFFPRES ANALYSIS

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Sample ID	Sample Name	Matrix	Sample Point	Sample Date
20-PPE-00235-1	Myant-Fabric-Batch-1 (Sample 14)	Medical Mask		14-Oct-2020

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Special Instructions:

Version comment: Initial report.

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

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## Test Report

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Sample ID	Sample Name	Matrix	Sample Point	Sample Date
20-PPE-00235-1	Myant-Fabric-Batch-1 (Sample 14)	Medical Mask		14-Oct-2020

Parameter / Analyte	Result	Units	Uncert.	DL	Spec. Limit	Analyzed On dd-mmm-yy	Method
PFE #001	97.31	%				16-Oct-20	ASTM F2299
PFE #002	96.81	%				16-Oct-20	ASTM F2299
PFE #003	96.49	%				16-Oct-20	ASTM F2299
PFE #004	96.74	%				16-Oct-20	ASTM F2299
PFE #005	97.76	%				16-Oct-20	ASTM F2299
Differential Pressure #001	3.56	mm H2O/cm <sup>2</sup>				16-Oct-20	EN 14683:2019 - Annex C
Differential Pressure #002	4.52	mm H2O/cm <sup>2</sup>				16-Oct-20	EN 14683:2019 - Annex C
Differential Pressure #003	3.92	mm H2O/cm <sup>2</sup>				16-Oct-20	EN 14683:2019 - Annex C
Differential Pressure #004	4.29	mm H2O/cm <sup>2</sup>				16-Oct-20	EN 14683:2019 - Annex C
Differential Pressure #005	4.09	mm H2O/cm <sup>2</sup>				16-Oct-20	EN 14683:2019 - Annex C

### Instruments Used

Name	Serial Number	Last Calibration	Calibration Due
TSI 4045H Mass Flow Meter #10	KIN-04806	07-Jan-2020	07-Jan-2021
TSI 4043 Mass Flow Meter #13	KIN-06465	01-Sep-2020	01-Sep-2021
Dwyer Series 475 Mark III Digital Manometer #3	KIN-06373	15-Jun-2020	15-Jun-2021
MET ONE 3411 Particle Counter	2006524001	12-Jun-2020	12-Jun-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>