



Analytical and Environmental Services Laboratory

Test Report

Report Number: 20-PPE-00310

Version: 1

Report Date: 13-Nov-2020

Attn: Andre Khayat
Myant Inc.
100 Ronson Drive
Toronto
ON
Purchase Order: I401178
Sample(s) received: 09-Nov-2020

Authorized by:

Ruwan Wijesundera, MASc

Scientist

Ruwan.Wijesundera@Kinectrics.com

Description: PPE MASKS FOR BFE AND FLAMMABILITY ANALYSIS

Sample ID	Sample Name	Matrix	Sample Point	Sample Date
20-PPE-00310-1	MYANT-FABRIC-BATCH-1	Medical Mask		05-Nov-2020

Special Instructions:

Version comment: Initial report.

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Sample ID	Sample Name	Matrix	Sample Point	Sample Date
20-PPE-00310-1	MYANT-FABRIC-BATCH-1	Medical Mask		05-Nov-2020

Parameter / Analyte	Result	Units	Uncert.	DL	Spec. Limit	Analyzed On dd-mmm-yy	Method
BFE #001	96.98	%				10-Nov-20	ASTM F2101*
BFE #002	96.95	%				10-Nov-20	ASTM F2101*
BFE #003	97.27	%				10-Nov-20	ASTM F2101*
BFE #004	97.59	%				10-Nov-20	ASTM F2101*
BFE #005	97.22	%				10-Nov-20	ASTM F2101*
Positive Control Average	3738	CFU				10-Nov-20	ASTM F2101*
Negative Control	0	CFU				10-Nov-20	ASTM F2101*
Mean Particle Size (MPS)	3.3	micron				10-Nov-20	ASTM F2101*
Burn Time #001	DNI					09-Nov-20	16 CFR 1610 Flammability*
DNI: Did not ignite.							
Burn Time #002	DNI					09-Nov-20	16 CFR 1610 Flammability*
Burn Time #003	DNI					09-Nov-20	16 CFR 1610 Flammability*
Burn Time #004	DNI					09-Nov-20	16 CFR 1610 Flammability*
Burn Time #005	DNI					09-Nov-20	16 CFR 1610 Flammability*

Instruments Used

Name	Serial Number	Last Calibration	Calibration Due
SphereFlash Auto Colony Counter	10007000/0171	Calibrated Before Use	
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 't' = 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>