

Particle Analysis Report as per ISO 4406&4407

SAMPLE IDENTIFICATION

User: _____ Scale Factor: 1.3213888
 Method: Hydraulic_V0001
 Sample: Sample 1

TEST PARAMETERS

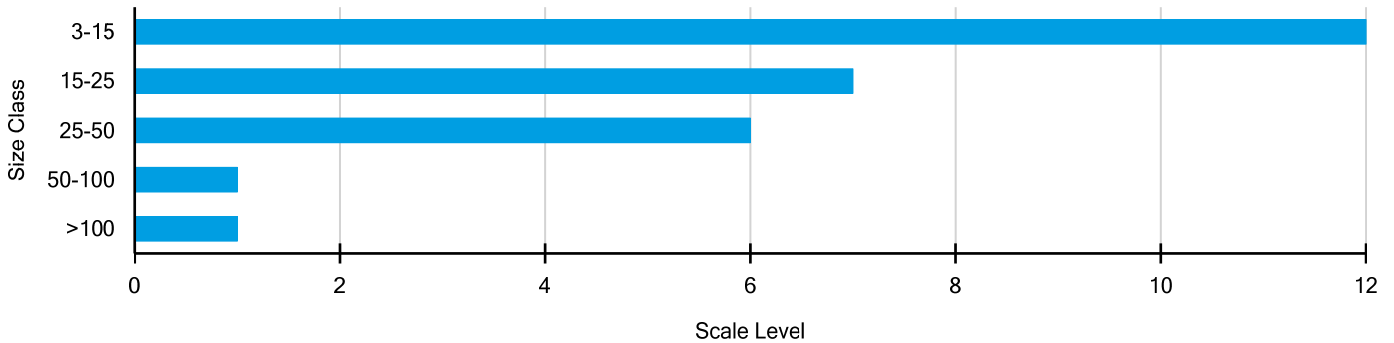
Analyst: _____ Date: 2019-06-10 3:32:40 PM
 Magnification: 200x Membrane filter diameter: 18.00 mm
 Calibration: 0.2921 μm/pixel Membrane filter pore size: 0.55 μm
 Lighting method: Incident Effective filtration diameter of membrane filter: 22.00 mm
 Counting technique: Image analysis Effective filtration area of membrane filter(EFA): 226.98 mm²
 Normalization method: By Components Covered analysis area (CA): 226.98 mm²
 Sample volume, V: 2 CA/EFA ratio: 1.00

RESULTS & STATISTICS

Final Classification: 11/6/5/0/0 Particle area coverage: 0.0406%
 Normalized count: 1,190.50 Total particle area: 0.0921 mm²

NORMALIZED COUNT GRID AND CHART

Size class	Scale Number	Particle Count	Normalized Count (1)			
			Total	Metallics	Non-Metallics	Fibers
3-15	11	2,252	1,126.00	338.50	787.50	0.00
15-25	6	86	43.00	6.00	37.00	0.00
25-50	5	40	20.00	4.50	15.50	0.00
50-100	0	2	1.00	0.50	0.50	0.00
>100	0	1	0.50	0.00	0.00	0.50



ANALYSIS COMMENT

Comment: _____

Signature: _____

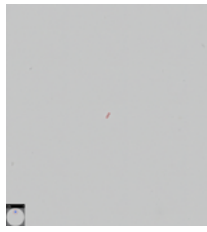
Date of signature: _____

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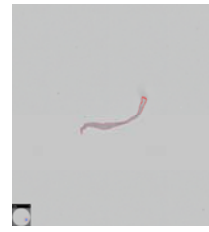
LARGEST PARTICLES



74.52µm Metallic (#322)



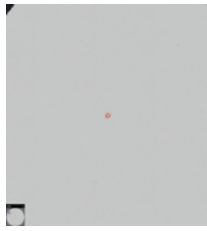
60.53µm Non-Metallic (#1323)



487.57µm Fiber (#5963)



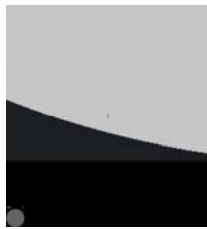
45.44µm Metallic (#3063)



49.22µm Non-Metallic (#1827)

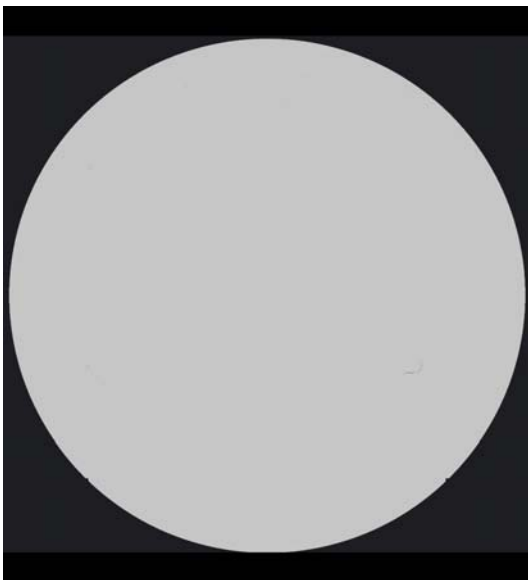


41.89µm Metallic (#348)



45.01µm Non-Metallic (#8444)

SAMPLE OVERVIEW



Mosaic of filter at 200x