



Innovative  
Contamination  
Solutions

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Approved By:

Ben Frazier

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## Certificate of Conformance

Wiper Code: TC2PL1-99G

Lot no 526282

### I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	140	135	145	g/m <sup>2</sup>	Weight Balance
Thickness	0.45	0.40	0.50	mm	Caliper

### II. Test for Particles ( $\times 10^6$ particle/m<sup>2</sup>) - Orbital Shake Test (*IEST-RP-CC004.3 Section 6.1.4*)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 0.50 um	3.3	< 11.0	PASS
> 5.0 um	0.5	< 0.8	PASS

### III. Test for Fiber/Particles >100um ( $\times 10^6$ particle/m<sup>2</sup>) (*IEST-RP-CC004.3 Section 6.2.2*)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 um	116	< 400	PASS

### IV. Test for Sorbency Capacity and Rate – (*IEST-RP-C004.3 Section 8.1*)

Note: Unless specified the Default Test Solution is DI Water

Absorbency	Result (Ave of 3 trials)	Specs	JUDGMENT
Extrinsic Capacity (ml/m <sup>2</sup> )	416	> 410	PASS
Intrinsic Capacity (ml/g)	2.98	>2.60	PASS
Sorptive Rate(S)	< 1	< 1	PASS

### V. Test for Extractable Matters (g/m<sup>2</sup>) - Short Term Extraction (*IEST-RP-CC004.3 Section 7.1.2*)

Test Solution	Result (Average of 3 trials)	Specs	JUDGMENT
DI Water	0.008	< 0.03	PASS
IPA	0.021	< 0.08	PASS

### VI. Test for Specific Extractable Ions (ug/g or ppm)

#### Standard Extraction Method (*IEST-RP-C004.3 Section 7.2.2.1B*)

Extractable Ion	Result(Ave of 3 trials)	Specs	JUDGMENT
Sodium (Na <sup>+</sup> )	0.15	< 0.20	PASS
Potassium (K <sup>+</sup> )	0.08	< 0.10	PASS
Calcium(Ca <sup>2+</sup> )	0.13	< 0.20	PASS
Chloride (Cl <sup>-</sup> )	0.07	< 0.10	PASS
Magnesium (Mg <sup>2+</sup> )	0.08	<0.10	PASS

Tested By: Bill  
 Inspected By: [Signature]  
 Name (Printed): Bill  
 Date of manufacture Mar. 14, 2019

