



Innovative  
Contamination  
Solutions

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Approved By:

Ben

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## Certificate of Conformance

Wiper Code: TZ112S-25

Lot no 526280

### **I. Physical Property Variables**

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	68	63	73	g/m <sup>2</sup>	Weight Balance
Thickness	0.25	0.20	0.30	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	47.3	< 80.0	PASS
> 5.0 um	0.11	< 0.26	PASS

### **III. Test for Fibers/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	168	< 300	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> )	334	> 280	PASS
Intrinsic Capacity (ml/g)	4.6	> 4.0	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	0.038	< 0.07	PASS
IPA	0.0042	< 0.006	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> )	22.6	< 50.0	PASS
Potassium (K <sup>+</sup> )	10.2	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	15.7	< 30.0	PASS
Chloride (Cl <sup>-</sup> )	13.5	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	26.8	< 50.0	PASS

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Date of manufacture Dec. 19, 2018

