



INNOVATIVE SOLUTIONS FOR CRITICAL ENVIRONMENTS

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## CERTIFICATE OF ANALYSIS

|                              |                          |
|------------------------------|--------------------------|
| <b>Part Number:</b>          | VTSNTR-1212              |
| <b>Product Type:</b>         | Spunlace Non-Woven Wiper |
| <b>Edge Treatment:</b>       | Cold Knife Cut           |
| <b>Lot Number:</b>           | 240329-100908            |
| <b>Sample Received Date:</b> | 04-10-2024               |
| <b>Manufacturing Date:</b>   | 03-29-2024               |
| <b>Test Date:</b>            | 04-18-2024               |

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### Physical Properties

| Test                | Method       | Specification                | Actual  | Result |
|---------------------|--------------|------------------------------|---------|--------|
| <b>Dimensions</b>   | Tape Measure | 12" x 12" ( $\pm 0.5"$ )     | 12 x 12 | Pass   |
| <b>Basic Weight</b> | TAPPI T-410  | $68 \pm 10$ g/m <sup>2</sup> | 66      | Pass   |

### Absorbency

| Test                       | Method          | Specification              | Actual | Result |
|----------------------------|-----------------|----------------------------|--------|--------|
| <b>Sorptive Efficiency</b> | IEST-RP.CC004.3 | Min. 4.2 mL/g              | 4.1    | Pass   |
| <b>Sorptive Capacity</b>   | IEST-RP.CC004.3 | Min. 420 ml/m <sup>2</sup> | 345    | Pass   |
| <b>Sorptive Rate</b>       | IEST-RP.CC004.3 | < 1 sec                    | 0.8    | Pass   |

### Cleanliness

| Test                                          | Method          | Specification                 | Actual | Result |
|-----------------------------------------------|-----------------|-------------------------------|--------|--------|
| <b>APC (<math>\geq 0.5\mu\text{m}</math>)</b> | IEST-RP.CC004.3 | < 1200 counts/ft <sup>3</sup> | 1129   | Pass   |

Notes:

Tested by:  
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Approved by:  
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