

# FREE-SAT® FS-ULT70

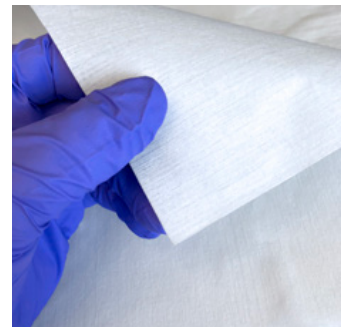
PRESATURATED POLYESTER WIPES, SEALED-EDGES



## Technical Data Sheet

### Description

FREE-SAT® ULTIMATE 70™ cleanroom wipes are made from double knit 100% polyester with laser cut sealed edges and presaturated with isopropyl alcohol. These wipes are manufactured in a cleanroom environment and cleanroom packaged.



### Features & Benefits

- Wiping and cleaning all aspects of cleanroom
- ISO Class 3-8 Cleanrooms
- Removal of solutions such as disinfectants, adhesives, residues, etc.

### Performance Characteristics:

Test	Value
<b>Basis Weight (g/m<sup>2</sup>)</b>	140 gsm
<b>Thickness</b>	0.48 mm
<b>Absorbency Rate &amp; Capacity</b>	
Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1)	310 mL / m <sup>2</sup>
Absorbency Rate (IEST-RP-CC004.3, Sec 8.2)	1 sec
<b>Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2)</b>	
DI water extractant	0.14 mg/g
IPA extractant	0.52 mg/g
<b>Releasable Particles</b>	
LPC ≥ 0.5 µm (IEST-RP-CC004.3, Sec 6.1.4)	7.0 x 10 <sup>6</sup> counts/m <sup>2</sup>
<b>Ions (IEST-RP-CC004.3, Sec 7.2.2)</b>	
Chloride (Cl)	0.000174 mg/g
Nitrates (NO <sup>3</sup> )	0.000019 mg/g
Nitrite (NO <sup>2</sup> )	0.000025 mg/g
Sulphate (SO <sup>4</sup> )	0.000083 mg/g
Sodium (Na)	0.000312 mg/g
Potassium (K)	0.000227 mg/g
Magnesium (Mg)	0.000049 mg/g
Calcium (Ca)	0.000021 mg/g
<b>Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1)</b>	No Silicone oil, Amide, DOP detected

### Packaging:

ITEM	Description	Size	Wipes/Unit	Units/Case
FS-ULT70-99.30	Presaturated with 70% IPA/30% DI Water	9" x 9"	30	12
FS-ULT70-99.40	Presaturated with 70% IPA/30% DI Water	9" x 9"	40	12
FS-ULT70-99.99	Presaturated with 99% IPA/1% DI Water	9" x 9"	30	12
FS-ULT70-99CB	Validated Sterile, Presaturated with 70% IPA/30% DI Water	9" x 9"	30	10

The above is typical physical property test data applicable to the sample reference name and should not be construed as a specification.

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