

# Anti-epidemic Products Testing

## Hand Sanitizer & Detergent



### Antivirals & Antimicrobial Effectiveness :

Influenza A & B Viruses and Pathogens,  
eg. Legionella, E.coli, Salmonella & MRSA, etc

## Face Mask

### Performance Level :

- |                                 |  |
|---------------------------------|--|
| <b>ASTM F2100<br/>(for USA)</b> | <ul style="list-style-type: none"><li>▶ Bacterial Filtration Efficiency (BFE %)</li><li>▶ Particulate Filtration Efficiency (PFE % @0.1mm)</li><li>▶ Differential Pressure (Delta P - mmH<sub>2</sub>O/cm<sup>2</sup>)</li><li>▶ Synthetic Blood Penetration (mmHg)</li><li>▶ Flammability (16CFR1610 - Class 1)</li></ul> |
| <b>EN14683<br/>(for EU)</b>     | <ul style="list-style-type: none"><li>▶ Bacterial Filtration Efficiency (BFE %)</li><li>▶ Differential pressure (Delta P - Pa/cm<sup>2</sup>)</li><li>▶ Splash Resistance (kPa)</li><li>▶ Microbial Cleanliness (CFU/g)</li></ul>  |



## Hand Sanitizer & Antibacterial Wet Wipes



### Antivirals & Antimicrobial Effectiveness :

Influenza A & B Viruses & Pathogens

### Hygienic Standard Test :

USP61 & 62

### Sterility Test :

USP71 Alcohol & Preservative Tests, Skin Irritation & Sensitization Tests

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