

# Spirometry Filter MADA

## FILTRATION EFFICIENCY

(at 30 - 55 - 750 L/min FLOW RATE)

Sampling time: 5 minutes

Filter tested: MADA Spirometry Filter <i>by the following Laboratories:</i>	Bacterial Filtration Efficiency			Viral Filtration Efficiency		
	30 L/min	55 L/min	750 L/min	30 L/min	55 L/min	750 L/min
NELSON Laboratories	99,9999%			99,999%		
HPA PD Biosafety Investigation Unit - CAMR		99,99%			99,95%	
HPA PD Biosafety Investigation Unit - CAMR			99,97%			99,94%

Staphylococcus aureus	Bacillus subtilis var niger	Bacillus subtilis var niger	Φ X174 bacteriophage	MS-2 Coliphage	MS-2 Coliphage
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### *Virus particle sizes:*

virus Φ X174 = 0,027 micron

virus MS-2 = 0,02 micron

Nelson Laboratories Salt Lake City, UT - USA - March 2004

HPA PD - Biosafety Investigation Unit (CAMR) Porton Down, Salisbury - UK. - April 2004

Tests are available upon request