

Report Code AR-20-XW-013161-01



Sample No 379-2020-10000793

TEST PROPERTY	RESULT	UNIT	REQUIREMENT
BACTERIAL FILTRATION EFFICIENCY (BFE)*			
ASTM F2101 : 19			
CUST 01			
INOCULUM SIZE	staphylococcus aure		
	usatcc6538(5 x 10 ⁵ cfu/ml)		
MEDIUM USED	Tryptic soya agar		
FLOW RATE OF AEROSOL	28.3	L/Min.	
SAMPLE EXPOSURE SIDE	Face side		
MEAN PARTICLE SIZE OF CHALLENGE AEROSOL	2.9		
AVERAGE PLATE COUNT OF POSITIVE CONTROLS	2244		
AVERAGE PLATE COUNT OF NEGATIVE CONTROLS	Negative		
BACTERIAL FILTRATION EFFICIENCY AVG. %	99.1%	%	
SAMPLE 1	99.0%	%	Level 1 ≥ 95%
SAMPLE 2	98.9%	%	Level 2 ≥ 98%
SAMPLE 3	99.5%	%	Level 3 ≥ 98%
SAMPLE 4	99.3%	%	
SAMPLE 5	98.8%	%	
Bacterial Filtration Efficiency (BFE)	-		
CONCLUSION:	PASS		

*Note: - Above tests has been subcontracted with Eurofins approved lab.

***** END OF REPORT *****