

Microbial Penetration - Wet Bacteria Analysis Report Attachment (ISO 22610)										
Sample No:	2029480E									
Analysis Results										
	<i>Bacillus atrophaeus</i> Spore Concentration (spore/ml)	X1 (cfu)	X2 (cfu)	X3 (cfu)	X4 (cfu)	X5 (cfu)	Z (cfu)	Total Colony Count (cfu)	% Pn	
		0-15 minute	15-30 minute	30-45 minute	45-60 minute	60-75 minute				
Test Specimen - 1	5500	3	2	6	14	33	96	58	1,05	
Test Specimen - 2		2	2	7	5	16	75	32	0,58	
Test Specimen - 3		6	9	6	22	45	123	88	1,60	
Test Specimen - 4		3	3	5	12	25	102	48	0,87	
Test Specimen - 5		8	5	11	20	27	88	71	1,29	
X1: 1.plates colony count										
X2: 2.plates colony count										
X3: 3.plates colony count										
X4: 4.plates colony count										
X5: 5.plates colony count										
Z: Number of plates in the reverse test sample										
Pn: Percentage of penetration										
Total Colony Count = X1+X2+X3+X4+X5										
	T (cfu)	CUM1	CUM2	CUM3	CUM4	CUM5	Barrier Index (EPP)	Donor (cfu)	Incubator Control (cfu)	Ambient Test Control (cfu)
Test Specimen - 1	154	0,02	0,03	0,07	0,16	0,38	5,34	144	<4	<25
Test Specimen - 2	107	0,02	0,04	0,10	0,15	0,30	5,39	121	<4	<25
Test Specimen - 3	211	0,03	0,07	0,10	0,20	0,42	5,18	106	<4	<25
Test Specimen - 4	150	0,02	0,04	0,07	0,15	0,32	5,39	130	<4	<25
Test Specimen - 5	159	0,05	0,08	0,15	0,28	0,45	4,99	151	<4	<25
T = Z + X1 + X2 + X3 + X4 + X5										
CUM1 = X1/T										
CUM2 = (X2 + X1)/T										
CUM3 = (X3 + X2 + X1)/T										
CUM4 = (X4 + X3 + X2 + X1)/T										
CUM5 = (X5 + X4 + X3 + X2 + X1)/T										

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