

Validation PFE outcome of particle counter setup against continues flow system of Delft							Supplemental file 3					Delft/Greencycl Particle test mean value [%]	delft/RIVM continues flow test available emasurements [%]	delft mean (when multiple measurements) mean value [%]	difference [%] with RIVM data [%]	
index nr	type of hospital	sterilisation	type of mask	standard	sample nr	data	status	0,3	0,5	1,0	5,0					avarage
								0,3	0,5	1,0	5,0					
88	Uni Hospital	121 steam	3M 1862+	FFP2	sample 5	27-3-2020	new	93,3	98,1	99,5	99,8	97,7				
89	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 1	27-3-2020	new	95,6	98,8	99,5	98,8	98,2				
90	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 2	27-3-2020	new	97,8	99,5	99,9	100,0	99,3				
91	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 3	27-3-2020	new	96,1	99,0	99,6	100,0	98,7				
92	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 4	27-3-2020	new	95,3	98,8	99,7	100,0	98,4				
93	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 5	27-3-2020	new	92,1	97,6	99,0	99,8	97,1				
122	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 1	30-3-2020	new	89,8	95,4	97,6	100,0	95,7				
123	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 2	30-3-2020	used	91,8	96,6	98,4	100,0	96,7				
124	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 3	30-3-2020	used	92,4	96,9	98,6	100,0	97,0				
125	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 1	2-4-2020	used	90,1	94,9	97,9	99,5	95,6				
126	Uni Hospital	121 steam	3M 1872v+	FFP2	sample 2	2-4-2020	used	90,7	95,2	97,7	100,0	95,9				
135	hospital	121 steam	3M 1872v+	FFP2	sample 1	1-4-2020	used	94,8	96,4	96,9	100,0	97,0				
136	hospital	121 steam	3M 1872v+	FFP2	sample 2	1-4-2020	1xused	98,1	99,3	99,7	99,4	99,1				
137	hospital	3x 121 steam	3M 1872v+	FFP2	sample 1	1-4-2020	1xused	97,5	99,1	99,7	99,4	98,9				
138	hospital	3x 121 steam	3M 1872v+	FFP2	sample 2	1-4-2020	1xused	94,4	96,4	99,6	96,7	96,8				
139	hospital	5x 121 steam	3M 1872v+	FFP2	sample 1	1-4-2020	1xused	93,6	96,7	97,7	99,4	96,9				
140	hospital	5x 121 steam	3M 1872v+	FFP2	sample 2	1-4-2020	1xused	97,1	99,0	99,6	100,0	98,9				
158	independent CSA	3x 121 steam	3M 1872v+	FFP2	sample 1	6-4-2020	3x used	80,0	97,3	95,8	86,3	89,9				
159	independent CSA	3x 121 steam	3M 1872v+	FFP2	sample 2	6-4-2020	3x used	85,0	94,3	97,6	99,5	94,1				
322	Uni Hospital	121 steam	3M 1861+	FFP1	sample 1	22-3-2020	new	NP	94,0	NP	97,6	95,8				
323	Uni Hospital	121 steam	3M 1861+	FFP1	sample 2	22-3-2020	new	NP	89,4	NP	96,8	93,1				
324	Uni Hospital	121 steam	3M 1861+	FFP1	sample 3	22-3-2020	new	NP	87,3	NP	98,1	92,7				
325	Uni Hospital	121 steam	3M 1861+	FFP1	sample 4	22-3-2020	new	NP	95,7	NP	97,9	96,8				
328	Uni Hospital	3x 121 steam	3M 1861+	FFP1	sample 1	22-3-2020	new	NP	94,0	NP	97,6	95,8				
329	Uni Hospital	3x 121 steam	3M 1861+	FFP1	sample 2	22-3-2020	new	NP	89,4	NP	96,8	93,1				
330	Uni Hospital	3x 121 steam	3M 1861+	FFP1	sample 3	22-3-2020	new	NP	87,3	NP	98,1	92,7				
331	Uni Hospital	3x 121 steam	3M 1861+	FFP1	sample 4	22-3-2020	new	NP	95,7	NP	97,9	96,8				
332	Uni Hospital	3x 121 steam	3M 1861+	FFP1	sample 1	22-3-2020	new	NP	98,8	NP	98,2	98,5				
14	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1a	24-3-2020	new	92,2	97,2	99,3	100,0	97,2				
15	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1b	24-3-2020	new	92,3	97,3	99,4	99,9	97,2				
16	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2a	24-3-2020	new	94,0	98,0	99,6	100,0	97,9				
17	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2b	24-3-2020	new	94,0	97,9	99,5	100,0	97,9				
36	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1	25-3-2020	1xused	87,3	94,2	97,4	100,0	94,7				
37	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	89,0	94,9	97,7	100,0	95,4				
38	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1	25-3-2020	1xused	86,0	93,1	99,7	100,0	94,7				
39	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	87,7	93,9	97,2	100,0	94,7				
40	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1	25-3-2020	1xused	86,0	93,1	99,7	100,0	94,7				
41	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	87,7	93,9	97,2	100,0	94,7				
42	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1	25-3-2020	1xused	89,3	94,8	97,8	100,0	95,5				
43	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	89,7	95,1	97,9	100,0	95,7				
44	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	87,7	93,9	97,2	100,0	94,7				
45	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1	25-3-2020	1xused	86,0	93,1	99,7	100,0	94,7				
46	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	87,7	93,9	97,2	100,0	94,7				
47	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 1	25-3-2020	1xused	89,3	94,8	97,8	100,0	95,5				
48	Uni Hospital	121 steam	BM Aura 1862+	FFP2	sample 2	25-3-2020	1xused	89,7	95,1	97,9	100,0	95,7				
49	independent CSA	121 steam	BM Aura 1862+	FFP2	sample 1	1-4-2020	1xused	97,6	99,3	99,7	99,9	99,1				
50	independent CSA	2x 121 steam	BM Aura 1862+	FFP2	sample 1	2-4-2020	2xused	97,5	99,3	99,6	100,0	99,1				
51	independent CSA	3x 121 steam	BM Aura 1862+	FFP2	sample 1	3-4-2020	3xused	93,6	98,0	99,1	99,8	97,6				
80	Uni Hospital	122 steam	BM Aura 1862+	FFP2	sample 1	27-3-2020	new	99,2	99,8	99,9	100,0	99,7				
81	Uni Hospital	2x 121 steam	BM Aura 1862+	FFP2	sample 1	27-3-2020	new	95,2	98,6	99,5	100,0	98,3				
127	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 1a	1-4-2020	used	84,6	94,7	97,8	99,6	94,2				
128	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 1b	1-4-2020	used	86,0	95,2	98,2	100,0	94,8				
129	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 2a	1-4-2020	used	80,6	93,1	97,6	100,0	92,8				
130	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 2b	1-4-2020	used	80,8	93,3	97,6	100,0	92,9				
131	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 1a	1-4-2020	used	82,3	93,6	97,4	100,0	93,3				
132	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 1b	1-4-2020	used	87,2	96,0	98,5	99,9	95,4				
133	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 2a	1-4-2020	used	81,9	93,5	97,3	99,5	93,0				
134	Uni Hospital	H2O2 sterrad	barrier	FFP2	sample 2b	1-4-2020	used	74,9	89,8	95,5	100,0	90,0				
30	independent CSA	121 steam	Hakyard Health	FFP1	sample 1	24-3-2020	used	86,8	95,9	99,3	100,0	95,5				
31	independent CSA	121 steam	Hakyard Health	FFP1	sample 2	24-3-2020	used	89,4	96,9	99,5	100,0	96,5				
75	independent CSA	121 steam	Hakyard Health	FFP1	sample 1	26-3-2020	new	80,3	95,8	99,5	100,0	93,9				
195	hospital	H2O2 sterrad	Health FFP2 NR	FFP2	sample 1a	3-4-2020	new	60	85	95	100	85,1				
196	hospital	H2O2 sterrad	Health FFP2 NR	FFP2	sample 1b	3-4-2020	new	64	88	96	100	86,8				
197	hospital	H2O2 sterrad	Health FFP2 NR	FFP2	sample 2a	3-4-2020	new	93	98	99	100	97,5				
198	hospital	H2O2 sterrad	Health FFP2 NR	FFP2	sample 2b	3-4-2020	new	81	94	98	100	93,2				
78	Uni Hospital	H2O2 sterrad	i OP-Air M510	FFP2	sample 1	27-3-2020	new	90,7	97,2	99,0	99,2	96,5				
79	Uni Hospital	H2O2 sterrad	i OP-Air M510	FFP2	sample 2	27-3-2020	new	89,9	99,7	98,6	99,2	96,8				
													97,5	99	1,5	
													92,0	99	7,0	
													94,6	94	0,6	
													95,4	88	95	3,9
													95,8	98	98	2,7
													99,1	97	2,1	
													97,6	98	0,4	
													98,3	99	0,7	
													97,3	97	98	4,2
													95,3	97	98	2,2
													90,7	91	91	0,3
													96,7	95	95	1,7