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INITIAL EFFICIENCY TEST REPORT

Manufacturer: PrecisionAire Pleated Filter
Product Name: Puraclean Treated Filter

RTI Report No. AX12110101

Test Laboratory:
RTI
919-541-6941

TABULATED DATA SUMMARY
 Report No. AX12110101 & AX12110102
 Research Triangle Institute

Summary of Test Conditions:

Product Manufacturer	PrecisionAire Pleated Filter
Product Name	untreated and Treated
Nominal Dimensions (in)	24 x 24 x 1
Airflow (cfm)	1180
Final Resistance (in H ₂ O)	NA

Initial Efficiency Data

Efficiency (%) per Indicated Size Range

OPC Channel Number	1	2	3	4	5	6	7	8	9	10	11	12	
Min. Diam. (um)	0.3	0.4	0.55	0.7	1	1.3	1.6	2.2	3	4	5.5	7	
Max. Diam. (um)	0.4	0.55	0.7	1	1.3	1.6	2.2	3	4	5.5	7	10	
Geo. Mean Diam (um)	0.35	0.47	0.62	0.84	1.14	1.44	1.88	2.57	3.46	4.69	6.20	8.37	
	Run No.												
Treated	AX12110101	3	2	8	15	31	44	62	73	83	87	90	92
untreated (control)	AX12110102	1	3	6	13	27	33	43	49	51	46	42	37

