

INITIAL 52.2 TEST REPORT

LMS Technologies, Inc.

6423 Cecilia Circle
Bloomington, MN 55439

Tel.: (952) 918-9060
Fax: (952) 918-9061

Test Type : Initial 52.2
Test Number: T021610B
Flow Rate/Velocity: 1968 cfm
Test Aerosol: KCl, Neutralized
Filter size: 24" x 24" x 6"

Test Requested by: AAF International
Media Manufacturer:
Filter Manufacturer: AAF International
Media/Filter ID Number: Varicel M-Pak M14
Filter Description:

Flow Rate (cfm)	DP "H ₂ O	Size Range (μm)	Initial Fractional Efficiency(%)
492	0.104	0.3-0.4	65.3
984	0.243	0.4-0.55	77.6
1476	0.395	0.55-0.7	86.9
1968	0.578	0.7-1.0	92.4
2460	0.796	1.0-1.3	95.6
		1.3-1.6	97.2
		1.6-2.2	98.2
		2.2-3.0	99.0
		3.0-4.0	99.6
		4.0-5.5	99.8
		5.5-7.0	99.9
		7.0-10.0	100.0

Based on initial efficiencies, Minimum Efficiency Reporting Value (MERV) = 14

