

April 9, 2003  
P.O. Box 24185  
Edina, Minnesota 55424 U.S.A.

## INITIAL 52.2 TEST REPORT

### LMS Technologies, Inc.

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<b>Test Type:</b>	52.2	<b>Media ID No.:</b>	HP060/415
<b>Test Number:</b>	T040903H	<b>Media Ref. No.:</b>	
<b>Flow Rate/Velocity:</b>	110 fpm	<b>Test Requested By:</b>	Len Duello
<b>Test Aerosol:</b>	KCL Neutralized	<b>Project No./ Descrip.:</b>	MERV12
<b>Size Media:</b>	20x20	<b>Media Description:</b>	MERV12 Filter Media
TEST SUPERVISOR		ENGINEERING APPROVAL	
MICK FLOM_____		K.C. KWOCK, PH.D._____	

	Velocity (fpm)	$\Delta P$ "H <sub>2</sub> O	Size Range ( $\mu$ m)	Initial Fractional Efficiency (%)
For additional E. L P.O. Elm 1-80 Fax: www	25.0	0.029	0.3-0.4	54.7
	55.0	0.058	0.4-0.55	65.2
	85.0	0.090	0.55-0.7	74.8
	110.0	0.117	0.7-1.0	81.7
	135.0	0.150	1.0-1.3	86.8
			1.3-1.6	89.8
			1.6-2.2	93.0
			2.2-3.0	95.3
			3.0-4.0	97.5
			4.0-5.5	98.3
			5.5-7.0	99.0
			7.0-10.0	99.4