



LMS TECHNOLOGIES, INC.

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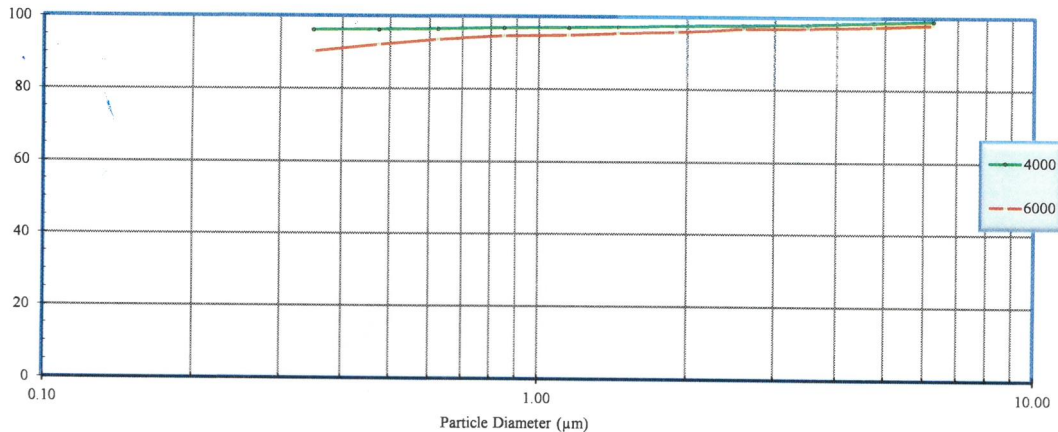
Test Type: Initial 52.2	LMS #: 10974	July 14, 2026
Report No: 7071426A	Test Requested by: AirQuality Technology(Shanghai) Co., Ltd.	
Test Aerosol: DOP, Neutralized	Media Manufacturer: AirQuality Technology(Shanghai) Co., Ltd.	
Flow Rate: 4000 (CMH) & 6000 (CMH)	Product Name: FKE-K	
Filter Size: 625 ^{mm} X 806 ^{mm} X 835 ^{mm}	Filter Description: Kitchen Exhaust Purifier	
Temp and Humidity: 21°C and 45%		

INITIAL 52.2 TEST REPORT (New Classification)

Flow Rate (CMH)	4000	6000
Size Range (µm)	Fractional Efficiency (%)	
0.3-0.4	96.1	90.2
0.4-0.55	96.3	92.1
0.55-0.7	96.5	93.6
0.7-1.0	96.8	94.7
1.0-1.3	97.0	95.0
1.3-1.6	97.2	95.5
1.6-2.2	97.5	96.0
2.2-3.0	97.8	96.8
3.0-4.0	98.0	97.1
4.0-5.5	98.6	97.4
5.5-7.0	99.0	98.0
7.0-10.0	99.1	98.6
E1	96.4	92.7
E2	97.4	95.8
E3	98.7	97.8
Initial MERV	16	15



Fractional Efficiency versus Particle Diameter



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LMS TECHNOLOGIES, INC.

Test Engineer:
Kevin Kwong, Pat Best

Engineering Approval:
K.C. Kwok, PH.D.