

December 4, 2006

# INITIAL 52.2 TEST REPORT

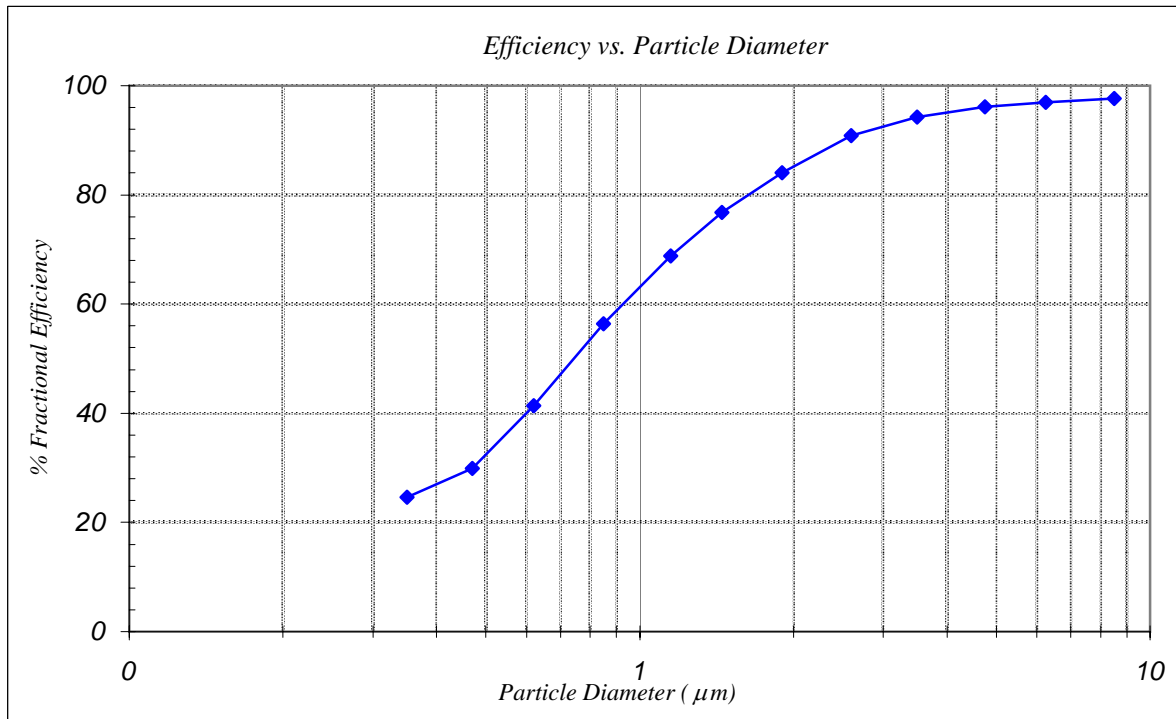
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<b>Test Type :</b>	<i>Fractional Efficiency</i>	<b>Test Requested By:</b>	<i>Filtration Group</i>
<b>Test Number:</b>	<i>T120406G</i>	<b>Filter Mfgr:</b>	
<b>Flow Rate/Velocity:</b>	<i>819 cfm</i>	<b>Media Mfgr.:</b>	
<b>Test Aerosol:</b>	<i>KCL, Neutralized</i>	<b>Filter/Media ID # :</b>	<i>MERV 12</i>
<b><math>\Delta P</math> ("H2O):</b>	<i>0.280</i>	<b>Filter/Media Size:</b>	<i>20 x 20 x 1</i>

<i>Size Rang( <math>\mu m</math>)</i>	<i>Initial Fractional Efficiency(%)</i>
0.3-0.4	24.6
0.4-0.55	29.9
0.55-0.7	41.4
0.7-1.0	56.4
1.0-1.3	68.8
1.3-1.6	76.8
1.6-2.2	84.0
2.2-3.0	90.8
3.0-4.0	94.2
4.0-5.5	96.1
5.5-7.0	97.0
7.0-10.0	97.7



TEST SUPERVISOR  
MICK FLOM \_\_\_\_\_

ENGINEERING APPROVAL  
K.C. KWOK, PH.D. \_\_\_\_\_