



EN-1822-5:2009 High Efficiency Air Filters

Test Report Efficiency / MPPS / Resistance

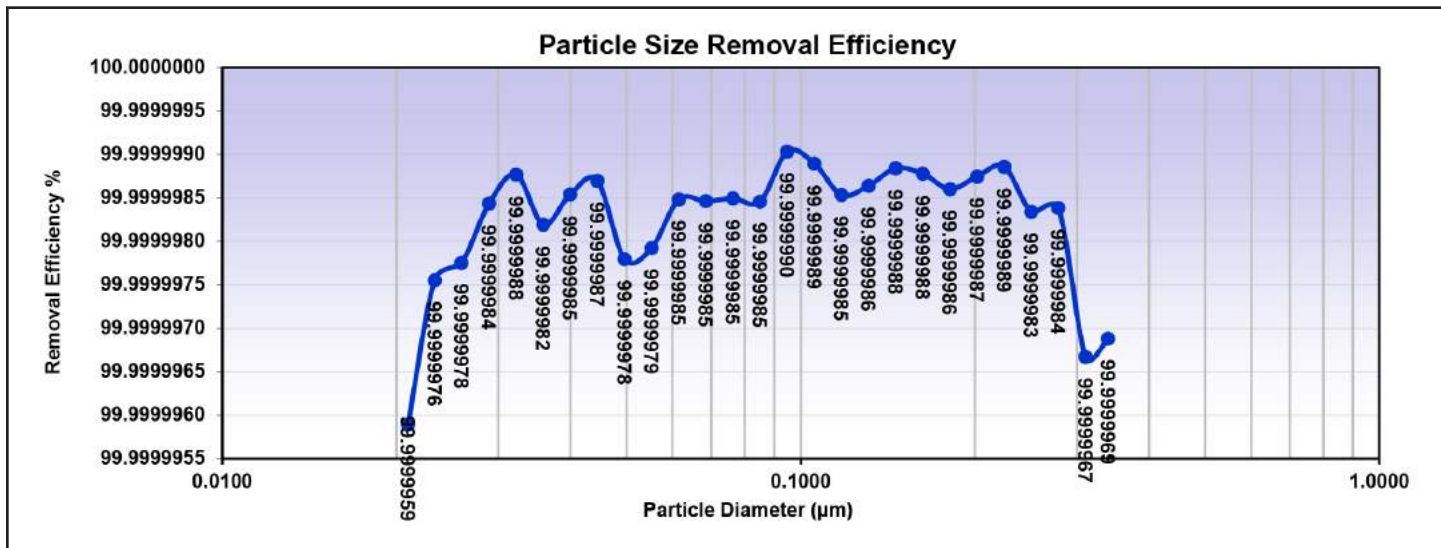
Test Conditions

Test Air Flow Rate (LPM): **400**
 Challenge Aerosol: **Aerosolized KCl**
 Particle Measurement Equipment: **TSI 3080 Classifier / TSI 3772 CNC Counter**
 Test Air Temperature (°F): **74.8**
 Relative Humidity (%): **47.8**
 Barometric Pressure (Inches Hg): **29.58**

Test Results

Initial / Final Resistance ("WG): **0.74 / 0.75**
 MPPS Determination (µm): **0.0209**
 Efficiency at MPPS (%): **99.99999589**
Projected Rating (Min.Integral for E10=85%): U17

Particle Size Range (nm): 20.93 - 339.85





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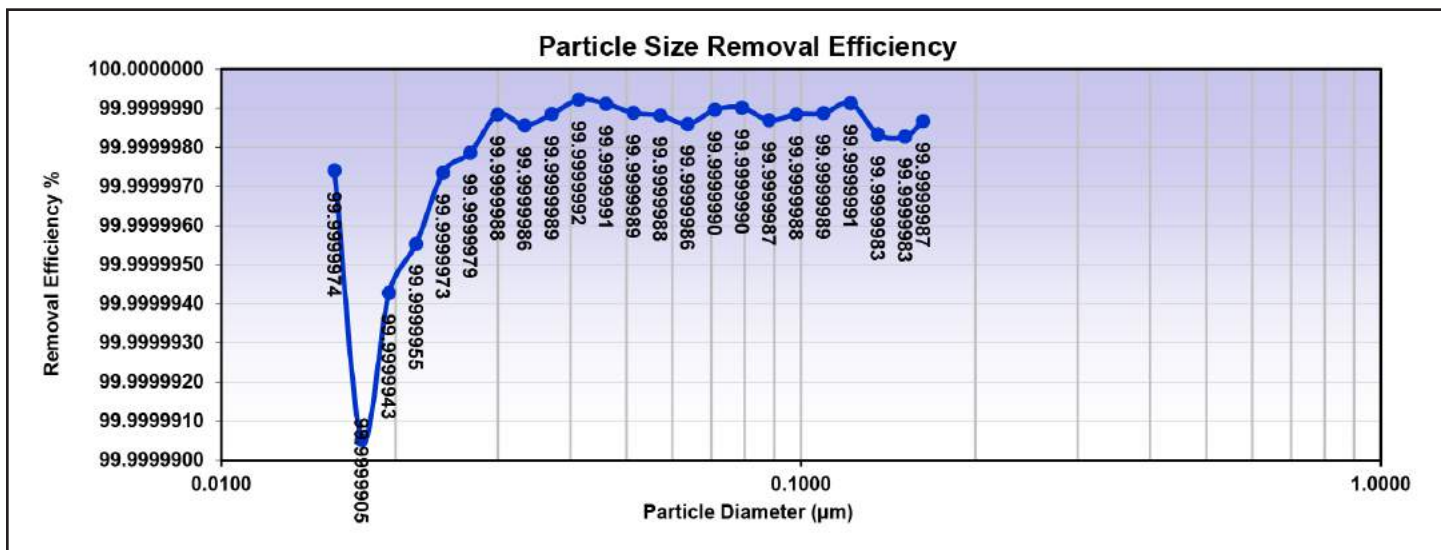
Test Conditions

Test Air Flow Rate (LPM): **400**
 Challenge Aerosol: **Aerosolized KCl**
 Particle Measurement Equipment: **TSI 3080 Classifier / TSI 3772 CNC Counter**
 Test Air Temperature (°F): **76.1**
 Relative Humidity (%): **49.8**
 Barometric Pressure (Inches Hg): **29.51**

Test Results

Initial / Final Resistance ("WG): **0.74 / 0.75**
 MPPS Determination (µm): **0.0175**
 Efficiency at MPPS (%): **99.99999053**
Projected Rating (Min.Integral for E10=85%): U16

Particle Size Range (nm): 10.18 - 162.53





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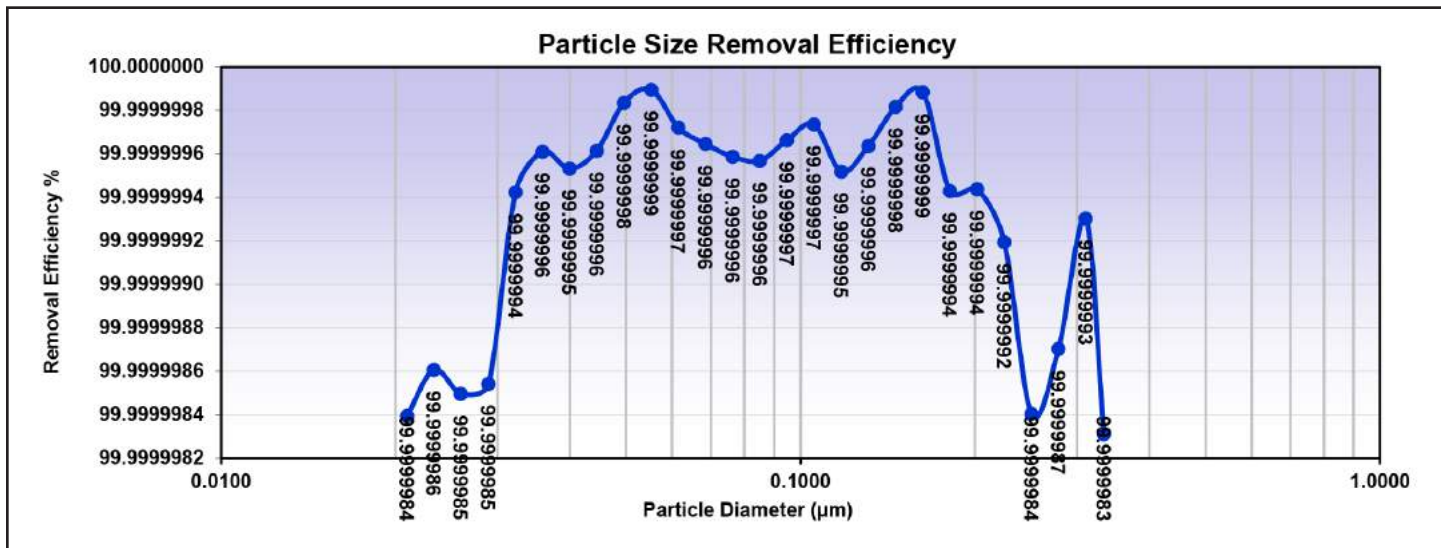
Test Conditions

Test Air Flow Rate (LPM): **400**
 Challenge Aerosol: **Aerosolized KCl**
 Particle Measurement Equipment: **TSI 3080 Classifier / TSI 3772 CNC Counter**
 Test Air Temperature (°F): **75.2**
 Relative Humidity (%): **46.4**
 Barometric Pressure (Inches Hg): **29.54**

Test Results

Initial / Final Resistance ("WG): **0.71 / 0.73**
 MPPS Determination (µm): **0.0209**
 Efficiency at MPPS (%): **99.99999840**
Projected Rating (Min.Integral for E10=85%): U17

Particle Size Range (nm): 20.93 - 333.79





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Test Conditions

Test Air Flow Rate (LPM): **400**
 Challenge Aerosol: **Aerosolized KCl**
 Particle Measurement Equipment: **TSI 3080 Classifier / TSI 3772 CNC Counter**
 Test Air Temperature (°F): **73.7**
 Relative Humidity (%): **50.4**
 Barometric Pressure (Inches Hg): **29.61**

Test Results

Initial / Final Resistance ("WG): **0.71 / 0.73**
 MPPS Determination (µm): **0.0157**
 Efficiency at MPPS (%): **99.99999479**
Projected Rating (Min.Integral for E10=85%): U17

Particle Size Range (nm): 10.18 - 162.53

