

September 1, 2023

LMS#8644



N1822 European HEPA Test w/ KCl LMS Technologies, Inc.

6423 Cecilia Circle
Bloomington, MN 55439

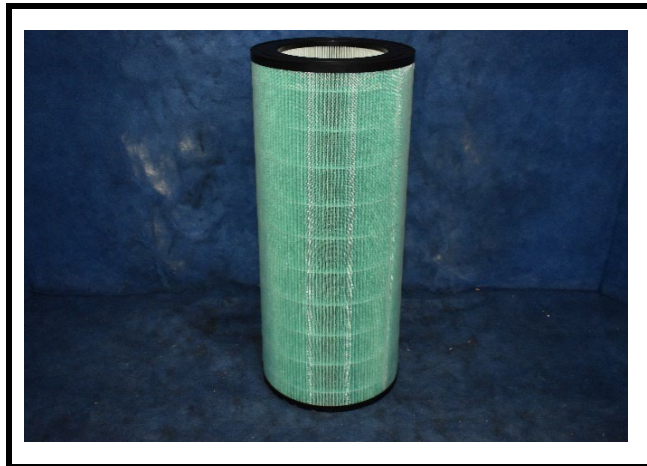
Tel.: (952) 918-9060
Fax: (952) 918-9061

Test Type : EN1822
Test Number: T090123A
Flow Rate/Velocity: 298.7 cfm
Test Aerosol: KCL, Neutralized
ΔP ("H2O) /pascal: 0.373" , 92.8 Pascal
Classification: **E 12**

Test Requested By: GEM Filtration
Filter Mfgr: GEM Filtration
Filter ID: Green Cylinder HEPA 13
Filter Description: Air Purifier Replacement Filter
Temp and Humidity: 72° F and 40%

Size Range (μm)	Fractional Efficiency (%)
0.0025	99.995
0.0041	99.999
0.0057	100.000
0.0070	100.000
0.0081	100.000
0.0093	99.994
0.0107	99.998
0.0124	99.999
0.0143	100.000
0.0165	100.000
0.0191	99.952
0.0221	99.892
0.0255	99.722
0.0294	99.692
0.0340	99.725
0.0392	99.748
0.0453	99.767
0.0523	99.809
0.0600	99.851
0.0698	99.874
0.0806	99.990
0.0931	99.995

Flow Rate (cfm)	DP "H2O
74.7	0.033
149.4	0.105
224.0	0.217
298.7	0.373
373.4	0.565



Efficiency at most penetrating particle size: 99.692% @ 0.0294 (μm)

