Test Report Report No.: 250305122GZU-001 Date: Mar 14, 2025

Applicant: MEDIFY AIR LLC

150 E PALMETTO PARK RD, SUITE 200,
BOCA RATON, FL 33432, USA

Sample Description:
The following submitted sample(s) said to be:

Item Name	:	**H13 Filter**
Reference No.	:	MA-112PRO, MA-CAR (H13), MA-15, MA-25, MA-45, MA-35W, MA- 50V3, MA-10, MA-14, MA-18, MA-22, MA-12, MA-40, MA-112, MA-125
Date of Sample Received	:	Mar 06, 2025
Testing Period	:	Mar 06, 2025 to Mar 13, 2025

Tests conducted:
As requested by the applicant, refer to following page(s) for details.

Conclusion:

Tested Sample	Test Item	Result
Tested component of submitted sample	Efficiency	See test result

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch:

Prepared by:

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Reviewed by:

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Asst. Technical Supervisor

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Measurement of Efficiency:

1. Standard and Methods
   1) BS EN 1822-1:2019 High efficiency air filters (EPA, HEPA and ULPA) - Part 1: Classification, performance testing, marking
   2) BS EN ISO 29463-3:2018 High-efficiency filters and filter media for removing particles in air - Part 3: Testing flat sheet filter media

2. Test Conditions
   1) Environment temperature: 23.6℃
   2) Environment humidity: 50% RH
   3) Test Air Volume: 32 L/min
   4) Test Area: 100 cm^2

3. Test Equipment
   Aerodynamic Test Platform, Dust Particle Counter, Aerosol Diluter

4. Test Procedures
   1) Turn aerodynamic test platform to the working state, adjust the temperature to (23±5) °C and the relative humidity less than 75%, and determine the background concentration of upstream and downstream.
   2) The filter material to be tested is installed on the air duct according to the standard requirements, and the aerosol generator is started.
   3) After the concentration of the pollutant is stable, measure the concentration of upstream and downstream pollutants.

5. Computational Formula

$$P(\%) = \frac{A_2}{A_1} \times 100$$

6. Test Results:

Number of Sample	Test Pollutant	Testing Size (μm)	Number of Specimens	Upstream Particulate Concentrations A_1 (p/m^3)	Upstream Particulate Concentrations A_2 (p/m^3)	Penetration P (%)
(1)	DEHS	0.1~0.3	1	13046300000	2722000	0.02086
			2	12543500000	2613000	0.02083
			3	12904900000	2827000	0.02191
			4	12792100000	2585000	0.02021
			5	12598600000	2374000	0.01884
			Mean Penetration (%)			0.02053
			Mean Efficiency (%)			99.979

Remark: The test was performed by an approved third party subcontractor laboratory.

Tested component: (1) H13 Filter Material

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Sample photo

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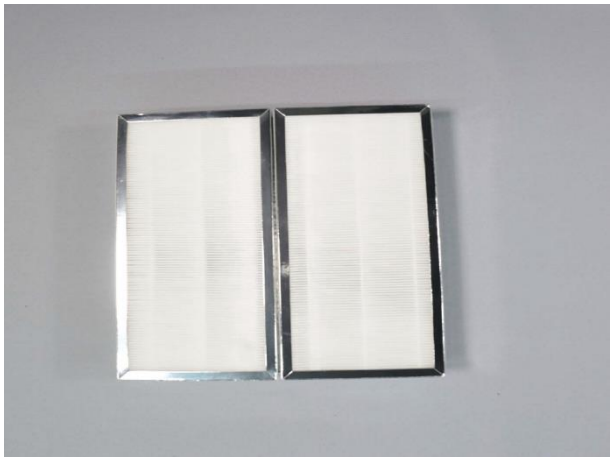
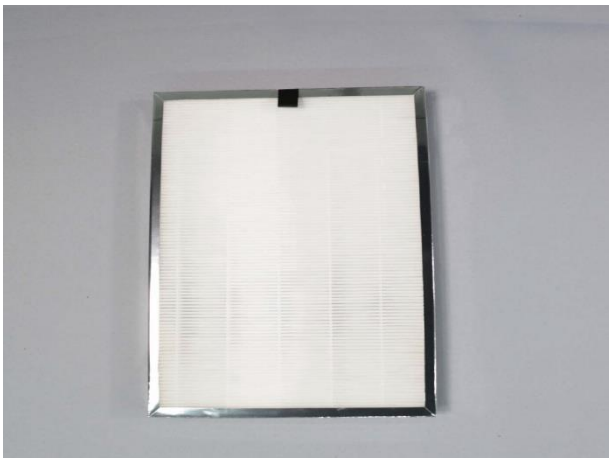
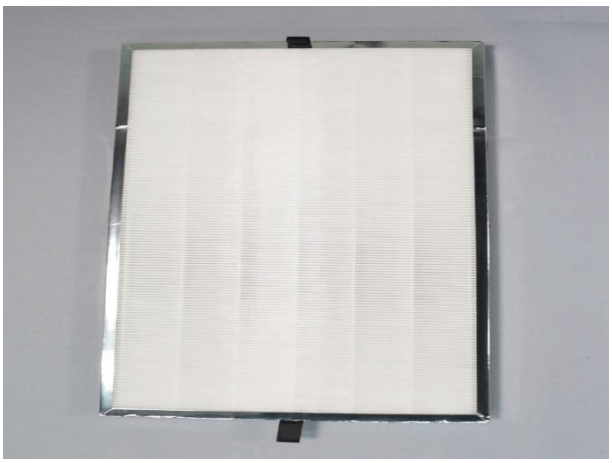
Reference photo





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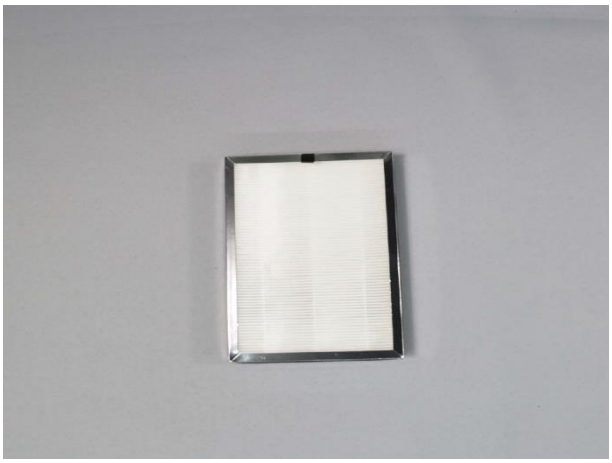



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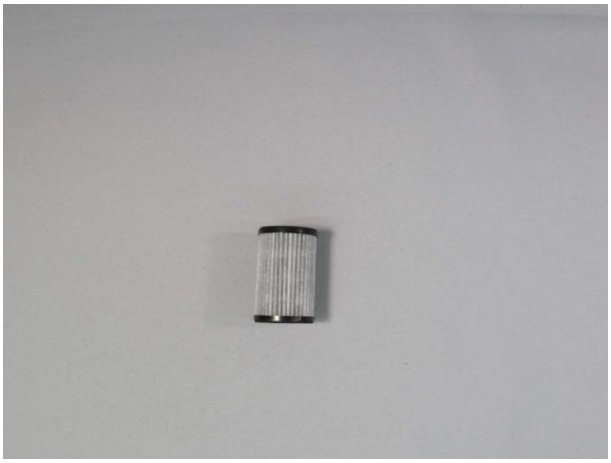

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End of report

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