



超微量工業安全實驗室
Ultra Trace Industrial Safety Hygiene

Test Report

REPORT NO:

US/2020/90201

Date: 2020/09/26

Page : 1 of 3



YuanFang Applied Materials Co.,Ltd.

No. 101, Section 2, Kuang-Fu Road, Hsinchu, Taiwan 30013

The following sample(s) was/were submitted and identified by/on behalf of applicant as:

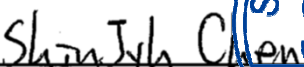
Sample Name : AIR Purifier
Applicant : YuanFang Applied Materials Co.,Ltd.
Style/Item No: YFA6
Date of Received: 2020/09/08
Date of Testing: 2020/09/08 to 2020/09/26

Test Requested : Formaldehyde

Test Method: Control test- The test procedure was as same as experiment without putting the sample.
Experiment test- Prepared the sample and put it into the 1m³ chamber. Injected the Formaldehyde standard gas into the chamber and turning on the sample. Sampling the gas and determining the Formaldehyde content at specific elapsed time point.

Test Results: -Please refer to next page(s)-

Signed for and on behalf of
SGS Taiwan Ltd.


Shin-Jyh Chen
Manager



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Test Results:

Control test:

Test Item	Elapsed Time (hour)	Concentration (ppmv)	Natural Attenuation Rate %
Formaldehyde	0	10.0	-
	4	10.0	0.00%
	8	10.0	0.00%
	24	9.5	5.00%

LOQ/LOD: 0.100ppmv

Experiment test:

Test Item	Elapsed Time (hour)	Concentration (ppmv)	Elimination Rate %
Formaldehyde	0	10.0	-
	4	2.00	80.0%
	8	N.D.	>99.0%
	24	N.D.	>99.0%

LOQ/LOD: 0.100ppmv

NOTE :

- 1.The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.
- 2.The content of this report is invalid if it is not presented as the entire report.
- 3.If the testing item belongs to quantitative analysis then this column describes Limit of Quantification(LOQ); If the testing item belongs to qualitative analysis then this column describes Limit of Detection(LOD).
- 4.The testing result will be "N.D." or "Negative" for the value less than LOQ/LOD, respectively.

- END -

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Sample Photo

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