

Análisis microbiológico en el interior de un vehículo para la comprobación de eficacia del sistema ductfit en el control de bacterias y mohos.

El análisis se realiza por WIMPEY LABORATORIES localizado en Dubai UAE.

El estudio se realiza para la comprobación de la eficacia del sistema ductfit en el interior de vehículos.

Se realiza una recogida de muestras de diferentes partes del interior del vehículo.

El cultivo de estas muestras da el siguiente resultado:

Recuento total de Bacterias: 193 CFU/m³*

Recuento total de Mohos: 26 CFU/m³.*

*(CFU, unidad formadora de colonias)

RESULTS OF ANALYSIS

Sl. No	Test	Method	Unit	Result	Specifications*
01	Total bacterial count	WL-IP-077 in combination with NIOSH	CFU/m ³	193	500 ⁰⁰
02	Yeast & Mould	800:1998,801:1998 and ISO-1600-18-2011	CFU/m ³	26	500 ⁰⁰

Se instala en el interior del vehículo el equipo ductfit Car y se mantiene funcionado durante 15 minutos.

Se realiza una segunda recogida de muestras del interior del vehículo.

El cultivo de estas segundas muestras da el siguiente resultado:

Recuento total de Bacterias: **No detectado** CFU/m³*

Recuento total de Mohos: **No detectado** CFU/m³.*

*(CFU, unidad formadora de colonias)

RESULTS OF ANALYSIS

Sl. No	Test	Method	Unit	Result	Specifications*
01	Total bacterial count	WL-IP-077 in combination with NIOSH	CFU/m ³	Not Detected	500 ⁰⁰
02	Yeast & Mould	800:1998,801:1998 and ISO-1600-18-2011	CFU/m ³	Not Detected	500 ⁰⁰

Con este nuevo estudio se sigue demostrando la eficacia de la tecnología del sistema ductfit.



Analysis conducted by: MS

Test method deviation : None

Signed for and on behalf of Wimpey Laboratories

Parvathy Suresh
Microbiologist

Test result relate only to the samples tested

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LABORATORY REPORT

Client / Establishment	Name: M/s. Framework Middle East DWC LLC		
	Address and Location	Dubai, UAE	
	Consultant/Contractor	N/A	
	Nature of Activity	N/A	
Report No	WD-R-210308-0442	Laboratory Sample ID	WD-S-210308-0429
Sampling Date / Time	08/03/2021	Laboratory Request No	WD-Q-210308-0135
Sampled by	MG (Wimpey)	Date Reported	14/03/2021
Sample Description	Microbial Air Monitoring (After Sanitization – Duct Fit Instrument)	Receiving Date	08/03/2021
Sampling Apparatus	Anderson Sampler	Sampling Point	R - 78781
Sample Container	Sterile Petri dishes	Client Reference (If any)	N/A
Source of Sample	Framework Middle East DWC LLC – Dubai	Date of Analysis	08/03/2021-14/03/2021



RESULTS OF ANALYSIS

Sl. No	Test	Method	Unit	Result	Specifications*
01	Total bacterial count	WL-IP-077 in combination with NIOSH 800:1998,801:1998 and ISO-1600-18-2011	CFU/m ³	Not Detected	500 ⁱⁱⁱ
02	Yeast & Mould		CFU/m ³	Not Detected	500 ⁱⁱⁱ

Statement of Compliance:-

The results are within the limits of Specifications.

Specification Reference: Green Building regulation and specification by Dubai Municipality.

CFU-Colony Forming Units.

Employed Decision Rule:-

- Simple acceptance, Use Zero Guard Band and TUR> N:1
- Non-binary acceptance based on guard band w=u
- Binary acceptance based on guard band- <2.0% global risk

Here:- TUR- Test Uncertainty Ratio, w- Guard band, u- Uncertainty



Analysis conducted by: MS

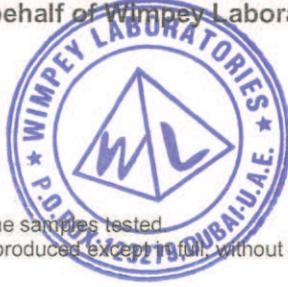
Test method deviation : None

Signed for and on behalf of Wimpey Laboratories

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