

Date of report: 04 April 2022

Test Report: Quantitative air sampling using impingement sampler for the evaluation of air filtration/ purifier/ decontamination device

Test Laboratory: Test Labs

Customer:	<i>Inivos Ltd</i>
Customer address:	<i>Unit 27/28, Coningsby Business Park Stirling Way, Bretton, Peterborough</i>
Name of the product:	<i>Airqon HEPA 800</i>
Batch number:	<i>HEPA800-049</i>
Manufacturer and or supplier:	<i>Inivos Ltd</i>
Internal Lab Code:	<i>S22/153</i>
Date of receipt of the product:	<i>28 February 2022</i>
Product received satisfactorily:	<i>Yes</i>
Date of test	<i>08-10 March 2022</i>

Impingement Sampler Information:

Name: Microbiological Air Sampler - MAS-100 NT with filter (MBV AG) **Serial Number:** 1.17274.0001 (121812)
Perforated lid: 300 × 0.6 **Asset Number:** M10 **Location:** TL Large Test Chamber (67.5m³)

Results:

Product name: Airqon HEPA 800 **Lab Batch No.:** S22/153
Incubation temperature: 30 – 35 °C **Incubation time:** 3 days
Media used/batch: Tryptone Soya Agar 22/043 exp 18 May 2022
Internal lab Project No.: PR-22-TL-0036
Date of test: 08 – 10 March 2022
Responsible person: Syeda Sabera Begum **Signature:** *S. Begum*

Location Sampled	Sampling Point	Date	Time	Analyst	Volume sample (L)	Bacterial counts	Fungal counts	Total CFU/m ³ counted	CFU/m ³ with Feller's Correction	% Reduction
Large Test Chamber	Before	08-Mar-22	11:15	SB	1000	70	5	75	86	96.5
Large Test Chamber	After		12:27	SB	1000	3	0	3	3	
Large Test Chamber	Before	09-Mar-22	13:14	SB	1000	30	2	32	34	85.3
Large Test Chamber	After		14:26	SB	1000	4	1	5	5	
Large Test Chamber	Before	10-Mar-22	13:23	SB	1000	36	7	43	46	95.7
Large Test Chamber	After		14:36	SB	1000	2	0	2	2	
Average % reduction:										92.5

Conclusion:

Product **Airqon HEPA 800** (batch **Hepa800-049**), achieved an average **92.5%** reduction of microbial contaminant in the air (CFU/m³) over 1 hour activity determined according to the internal procedure MIC-TP-008.

Authorised signature

A handwritten signature in black ink that reads 'Enrico Allegra'.

Enrico Allegra
Head of Formulation and Analysis,
Technical Lead

DISCLAIMER

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