



AEML, Inc.
601 E. Atlantic Blvd.
Pompano Beach, FL 33060
Phone: (954) 333-8149
Fax: (954) 333-8151
email: customerservice@aemlinc.com

Project: JD/834-PAP Beach Resort Campervan

Batch: 350417

Sampled: 11/6/2021
Received: 11/12/2021
Analysis Date: 11/12/2021
Report Date: 11/12/2021

AEML Test: A001 Spore Trap Analysis

Sample ID:	350417-01	350417-02	350417-03	350417-04
Client Sample ID:	Campervan-Pre-Fog	Campervan-Post-Fog 1HR	Campervan-Post-Fog 24HRS	Campervan-Post-Fog 48HRS
Volume Sampled (L):	75	75	75	75
Media:	Impaction Slide	Impaction Slide	Impaction Slide	Impaction Slide
Percent of Trace Analyzed:	100% at 600X Magnification	100% at 600X Magnification	100% at 600X Magnification	100% at 600X Magnification

Spore Types	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%
Alternaria	4	53	<1	—	—	—	—	—	—	—	—	—
Arthrinium	—	—	—	—	—	—	—	—	—	—	—	—
Ascospores	1	13	<1	—	—	—	36	480	32	12	160	30
Aspergillus/Penicillium-Like	1,485 #	19,800	13	6,885 #	91,800	77	13	173	12	—	—	—
Basidiospores	2	27	<1	—	—	—	48	640	43	13	173	42
Bipolaris/Dreschlera	—	—	—	—	—	—	—	—	—	—	—	—
Botrytis	—	—	—	—	—	—	—	—	—	—	—	—
Chaetomium	—	—	—	—	—	—	—	—	—	—	—	—
Cladosporium	9,855 #	131,400	87	2,023 #	26,973	23	5	67	4	—	—	—
Curvularia	1	13	<1	—	—	—	—	—	—	—	—	—

EC3 Thermal Fogging Case Study:

A Campervan with substantial, visible, surface mould growth was air tested to determine mould spore-count levels and occupational safety.

The laboratory report confirmed 'Extremely High' levels of:
(Ref: Australian Mould Guidelines 2010 for Airborne Total Spores)

Aspergillus/Penicillium @19,800 spores per/m³ (Recommended Occupational Safety Guideline <200 sp/m³)

Cladosporium @131,400 spores per/m³. (Recommended Occupational Safety Guideline <1,000 sp/m³)

The Campervan was then EC3 Thermally Fogged and re-tested in a controlled environment at 1hr, 24hrs & 48hr intervals to monitor the spore elimination progress. After 48 hrs, all Aspergillus/Penicillium and Cladosporium mould spores were completely eliminated @ 0 spores per/m³ (right hand column)

