



Homes & Communities Agency

ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



1227

Tel: (01329) 287777
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CLIENT:

SITE ADDRESS: HMS Daedalus, Broom Way, Lee On Solent, Hampshire, PO13 9YA

Our Ref: J116716 FC6

Your Ref: -----

SAMPLING PROTOCOL: Background

SAMPLED BY: [REDACTED]

ANALYSED BY (if different): -----

DATE OF SAMPLING: 07/03/2017

DATE OF ANALYSIS (if different): -----

| Filter No. | Pump | Head | Location | Time on | Time off | Flow (litres/min) | | | Volume (V) litres | Grats (n) | Fibres (N) | Calculation fibres/ml | Reported result fibres/ml |
|------------|-------|------|---|---------|----------|-------------------|---------------|-------------|-------------------|-----------|------------|-----------------------|---------------------------|
| | | | | | | Flow (start) | Flow (finish) | Flow (used) | | | | | |
| FC1 | IL2 | S1 | Building 147, 2F: On landing above main entrance to building | 0915 | 0945 | 16.0 | 16.0 | 16.0 | 480 | 200 | 0.5 | 0.001 | <0.01 |
| FC2 | ENV54 | S2 | Building 147, 2F: In corridor adjacent wash room | 1000 | 1030 | 16.0 | 16.0 | 16.0 | 480 | 200 | 0.5 | 0.001 | <0.01 |
| FC3 | ENV32 | S3 | Building 147, 2F: By the end of the enclosure furthest away from the stairs and landing | 1003 | 1033 | 16.0 | 16.0 | 16.0 | 480 | 200 | 1 | 0.001 | <0.01 |
| FC4 | IL2 | S1 | Building 147, 2F: On landing above main entrance to building | 1142 | 1212 | 16.0 | 16.0 | 16.0 | 480 | 200 | 1 | 0.001 | <0.01 |
| FC5 | ENV54 | S2 | Building 147, 2F: In corridor adjacent wash room | 1331 | 1401 | 16.0 | 16.0 | 16.0 | 480 | 200 | 0.5 | 0.001 | <0.01 |
| FC6 | ENV32 | S3 | Building 147, 2F: By the end of the enclosure furthest away from the stairs and landing | 1455 | 1525 | 16.0 | 16.0 | 16.0 | 480 | 200 | 1.5 | 0.001 | <0.01 |

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Nikon 0853
Stage Micrometer: WSM 13
Tally Counter: S/US

Barometer: BTC 26
Thermometer: BTC 26
Flow Meter: FM22

Environment:

Temperature (°C): 8
Pressure (mb): 1016
Correction Factor (F): -----

Diam. of dust deposit (D) (mm): 22.5
Test Slide (5 bands): Yes/No
W/B Grate diameter (µm): 100

Blank Filter

Head: S4
Graticules: -----
Fibres: -----

Place of Analysis:

~~Lab~~ RE 61 WPU
~~On Site~~
Mob Lab

Comments

Background monitoring carried out during the building of enclosure in the wash room area on the second floor of Building 147. Results satisfactory.

SIGNATURE: [REDACTED]
(on behalf of Envirochem by an authorised signatory)

PRINT NAME: [REDACTED]