



# NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY & HEALTH

Institut Keselamatan & Kesihatan Pekerjaan Negara (243042-U)

KEMENTERIAN SUMBER MANUSIA

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## CERTIFICATE OF ANALYSIS

### MICROBIOLOGICAL TEST REPORT

**IHAL NO** : 07/13/2010/0137  
**CLIENT DATA** : Mr. Rozaly Azahar, HITECH Synergy  
**SAMPLE** : AirFree Products  
**ANALYSIS REQUESTED** : Bacteria and Fungi Count  
**PROCEDURE** : NIOSH Method 0800 (modified); IKKPN 11  
**OBJECTIVES** : To determine an aerobic bacteria and fungi count before and after operating the Air Purifier.

### RESULT:


1. Office	Aerobic bacteria count (CFU/m <sup>3</sup> )	
	Bacteria	Fungi
1 week	883	353
2 week	707	353
3 week	700	353
4 week	466	247
5 week	442	212
6 week	512	177
7 week	346	106
8 week	194	85
Field Blank	0	<2
2. Accommodation Room		
1 week	1378	1113
2 week	735	601
3 week	799	194
4 week	989	127
5 week	1095	247
6 week	707	155
7 week	371	141

8 week	265	113
Field Blank	0	0
<b>3. Classroom</b>	<b>Aerobic bacteria count (CFU/m<sup>3</sup>)</b>	
	<b>Bacteria</b>	<b>Fungi</b>
1 week	1237	318
2 week	777	265
3 week	678	247
4 week	601	163
5 week	452	141
6 week	558	124
7 week	481	106
8 week	353	78
Field Blank	0	0

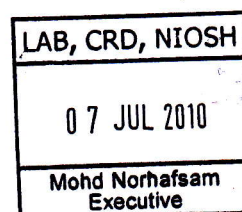
**COMMENTS:** The information contained in this report is based on the sampling and measurement conducted by NIOSH from 7 April 2010 until 2 June 2010. Result does not consider any other factor which may also contribute to microbial growth such as temperature, relative humidity, fumigation material, ventilation and occupant activity.

**ANALYSED BY:** .....  
  
 NOR HUSNA BT MAT HUSSIN

**DATE:** 07072010

**APPROVED BY:** .....  
  
 MOHD NORHAFSAM BIN MAGHFOR, *AMIC*  
 Laboratory Executive  
 Laboratory Division  
 NIOSH

**DATE:**



*IHAL*  
*Lab Division, NIOSH*

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## AIRFREE TEST LOCATIONS IN NIOSH'S BUILDING

### 1. OFFICE ( Quality Management Division )



### 2. ACCOMMODATION ROOM ( Hostel Room No. 107 )



### 3. CLASSROOM ( "Baiduri" Training Room )

