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Analysis Report prepared for

Better Air

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Job Number: 241114
Job Name: Beit Gady Medical Center
Date Sampled: 11-24-2014
Date Analyzed: 12-08-2014
Report Date: 12-08-2014

AIHA EMPAT Laboratory ID# 188863
EPA Laboratory ID# VA01419



NVLAP Lab Code: 500096-0



LAB #188863

AIHA Accredited
Environmental Microbiology



NY ELAP Lab ID#12015

Texas Dept. of State
Health Services

Mold License: LAB1021
Asbestos License: 300435



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Culture Analysis
SOP #HMC103, #HMC104, #HMC105

HMC #14020662

Job Number: 241114	Job Name: Beit Gady Medical Center	Date Collected: 11/24/2014
Collected by: Yuli Horesh		Date Received: 12/03/2014
Email: yuli@betterair.co.il		Date Reported: 12/08/2014

HMC ID Number: 14020662 - 1		Sample Media: Air			Limit of detection: 10 cfu / M3
Sample ID Number: 1		Sample Name: Rm 302-BAC			
Organism	Type	Raw Count	cfu / M3	% of Total	Note
Staphylococcus sp	Bacteria	1	10	5%	
Pseudomonas sp	Bacteria	20	200	96%	

HMC ID Number: 14020662 - 2		Sample Media: Air			Limit of detection: 10 cfu / M3
Sample ID Number: 2		Name: Rm 302 Mold__			
Organism	Type	Raw Count	cfu / plate	% of Total	Note
Cladosporium	Fungi	17	6	46%	
Rhizopus .	Fungi	7	7	54%	

HMC ID Number: 14020662 - 3		Sample Media: Swab Sample			Limit of detection: 100 cfu / cm2
Sample ID Number: 3		Name: general surface			
Organism	Type	Raw Count	cfu / cm2	% of Total	Note
Cladosporium	Fungi	1	100	1%	
Yeast	Fungi	9	900	5%	
Pseudomonas sp.	Bacteria	168	16800	94%	

Signature: A. Rajarajeswari

Date: 12/08/2014

Reviewed by: Stephen N. Hayes

Date: 12/08/2014



Cladosporium

Habitat: One of the most common genera worldwide. Found in soil and plant debris and on the leaf surfaces of living plants. The outdoor numbers are lower in the winter and often relatively high in the summer, especially in high humidity. The outdoor numbers often spike in the late afternoon and evening. Indoors, it can be found growing on textiles, wood, sheetrock, moist window sills and in HVAC supply ducts.

Health Effects: A common allergen, producing more than 10 allergenic antigens and a common cause of hypersensitivity pneumonitis.

Pseudomonas sp.

Habitat: Gram negative bacilli, oxidase positive and motile. It is found in soil, water, and environments in association with humans. It is a common inhabitant in feces, but is also found in other damp environments.

Health Effects: May cause urinary tract, respiratory and other infections in healthy and immunocompromised people.

Rhizopus

Habitat: Ubiquitous in nature and Found in soil, plants, decaying fruits and vegetables. It is also a common laboratory contaminant.

Health Effects: May cause infection in humans and animals. Classified as a Type I and Type III allergen.

Staphylococcus sp.

Habitat: Normal skin flora and mucous membrane inhabitant.

Health Effects: Can cause numerous infections including wound and skin infections, septicemia, and food poisoning.

Note: Staphylococcus sp. Includes all coagulase negative Staph. species. (Not S. aureus or MRSA)

Yeast

Habitat: Common in air, soil, water and dairy products. A common inhabitant of mucous membranes and the intestinal tract of humans.

Health Effects: Some species are opportunistic pathogens that can cause disease in immunocompromised people.



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Culture Analysis
SOP #HMC103, #HMC104, #HMC105

HMC #15001393

Job Number: 2101-2	Job Name: Biet Gadi- 2	Date Collected: 01/21/2015
Collected by: Yuli Horesh		Date Received: 01/28/2015
Email: yuli@betterair.co.il		Date Reported: 02/02/2015

HMC ID Number: 15001393 - 1		Sample Media: Air		Volume: 100.00		Limit of detection: 10 cfu / M3	
Sample ID Number: 1		Sample Name: Rm 302- BAC					
Organism	Type	Raw Count	cfu / M3	% of Total	Note		
Bacillus	Bacteria	6	60	100%			

HMC ID Number: 15001393 - 2		Sample Media: Air		Volume: 100.00		Limit of detection: 10 cfu / M3	
Sample ID Number: 2		Sample Name: Rm 302- Mold					
Organism	Type	Raw Count	cfu / M3	% of Total	Note		
No Fungi Detected	Fungi						

HMC ID Number: 15001393 - 3		Sample Media: Surface Swab		Volume: 100.00		Limit of detection: 10 cfu / cm2	
Sample ID Number: 3		Sample Name: General surface					
Organism	Type	Raw Count	cfu / M3	% of Total	Note		
No Fungi Detected	Fungi						
No Bacteria Detected	Bacteria						

Signature: A. Rajarajeswari

Date: 02/02/2015

Reviewed by: Stephen N. Hayes

Date: 02/02/2015



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Organism Descriptions

HMC #15001393

Bacillus

Habitat: Ubiquitous in nature and can be found on most surfaces.

Health Effects: Most species are not pathogenic, but 2 species (B. anthracis and B. cereus) do cause disease in humans.
