









BETTERAIR EFFICACY CASE STUDIES

		PRESENCE BEFORE TREATMENT	TIME TO NO DETECTION OR NORMAL ECOLOGY RESTORED	
	SURFACES /OBJECTS	YEAST	✓	48h
		MOLD	✓	24h
		PATHOGENIC BACTERIA	✓	1 WEEK
	LAVATORY	YEAST	✓	48h
		PATHOGENIC BACTERIA	✓	1 WEEK
	AIR	MOLD	✓	1 WEEK
		PATHOGENIC BACTERIA	✓	1 WEEK
	FILTER	YEAST	✓	72h
		MOLD	✓	72h
		PATHOGENIC BACTERIA	✓	72h
	AIR DUCT	PATHOGENIC BACTERIA	✓	2 WEEKS
	FLOOR	ORGANIC IRRITANTS	✓	4 WEEKS



✓ present in samples

NORMAL ECOLOGY = LEVELS REDUCED TO WHERE THERE IS NO NEGATIVE HEALTH EFFECTS ON A HEALTHY PERSON

INDEPENDENT TESTING

ALL TEST RESULTS WERE EVALUATED BY INDEPENDENT LABORATORIES - HAYES MICROBIAL CONSULTING, UNIVERSITY OF WISCONSIN DEPARTMENT OF BIOLOGY, EMSL ANALYTICAL, INC.

LOCATIONS

SAMPLES WERE OBTAINED FROM AIRPLANES, MEDICAL, COMMERCIAL AND RESIDENTIAL ENVIRONMENTS.

STRAINS OF BACTERIA AND FUNGI

STRAINS OF BACTERIA IDENTIFIED INCLUDED STAPHYLOCOCCUS, PSEUDOMONAS, MICROCOCCUS, ASPERGILLUS, FERMENTER AND NON-FERMENTER GRAM NEGATIVE BACTERIA. FUNGI, INCLUDING MOLD AND YEAST INCLUDED CLADOSPORIUM, AUREOBASIDIUM AND RHODOTORULA.



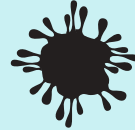


Independent in-vivo and in-vitro laboratory tests have substantiated the efficacy of BetterAir formulation on the following pollutants, irritants and pathogenic strains in various environments:

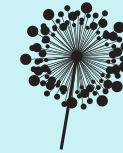
BACTERIA



FUNGI



ALLERGENS



ESCHERICHIA COLI

CLADOSPORIUM

DUST MITE ALLERGENS*

PSEUDOMONAS AERUGINOSA

ALTERNARIA ALTERNATA

PET ALLERGENS*

BACILLUS CEREUS

PENICILLIUM CHRYSOGENUM

COCKROACH ALLERGENS*

STAPHYLOCOCCUS AUREUS

ASPERGILLUS*

SALMONELLA TYPHI

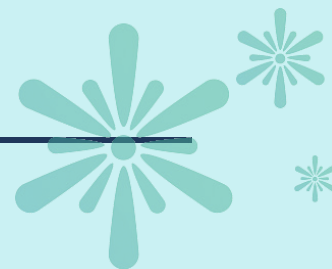
RHODOTORULA*

LISTERIA INOCUA

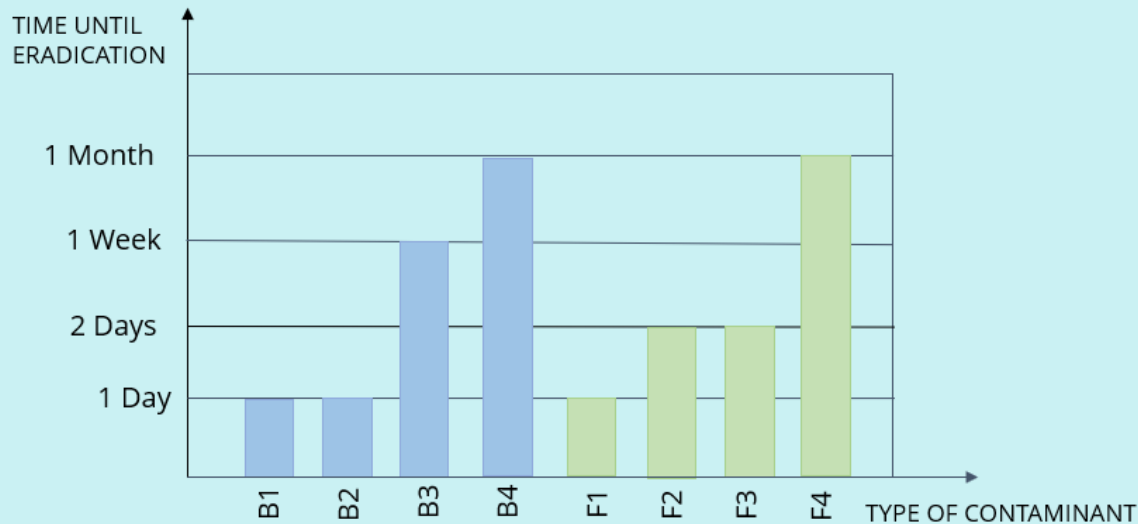
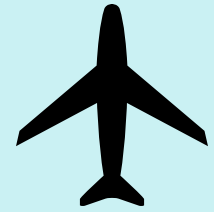
AUREOBASIDIUM*

MICROCOCCUS*

RHIZOPUS*



BETTER AIR TESTING IN AIRPLANES



4 TYPES OF PATHOGENIC BACTERIA AND FUNGI IDENTIFIED ON:



LAVATORY SURFACES



GENERAL SURFACES



AIR

PATHOGENIC BACTERIA B1 AND B2 WERE DIMINISHED AFTER 1 DAY,
NORMAL BACTERIAL ECOLOGY WAS RESTORED WITHIN 1 MONTH.

NO RECURRENCE OF PATHOGENIC BACTERIA WITHIN THE 1 MONTH TESTING PERIOD.

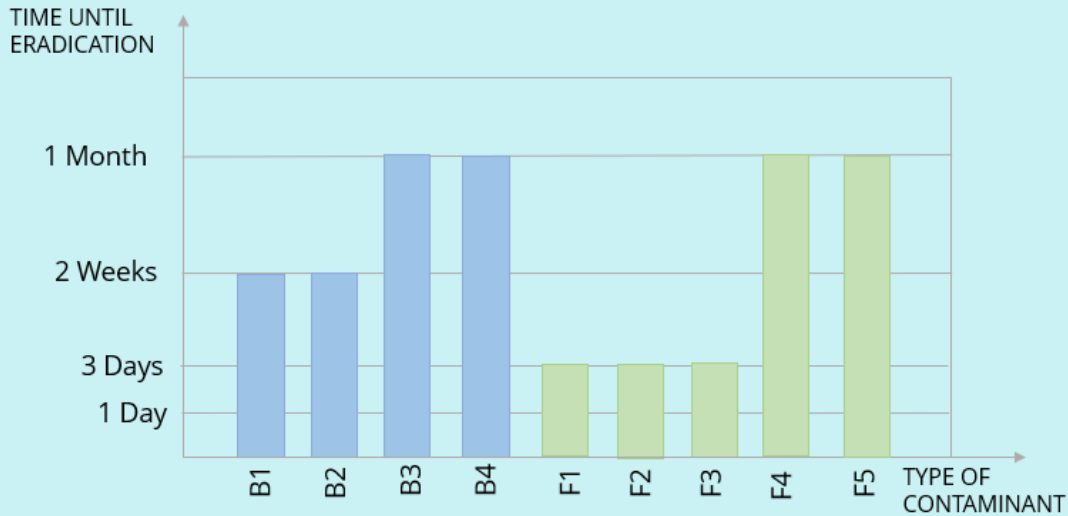
STRAINS OF BACTERIA FOUND IN SAMPLES
B1 - STAPHYLOCOCCUS
B2 - MICROCOCCUS
B3 - PATHOGENIC FERMENTER BACTERIA
B4 - PATHOGENIC NON-FERMENTER BACTERIA

FUNGI F1 WAS DIMINISHED AFTER 1 DAY,
F2 AND F3 AFTER 2 DAYS.
NORMAL FUNGI ECOLOGY WAS RESTORED WITHIN 1 MONTH.

NO RECURRENCE OF FUNGI WITHIN THE 1 MONTH TESTING PERIOD.

STRAINS OF FUNGI FOUND IN SAMPLES
F1 - AUREOBASIDIUM
F2 - RHODOTORULA
F3 - YEAST
F4 - CLADOSPORIUM

BETTERAIR TESTING IN MEDICAL FACILITIES



4 TYPES OF PATHOGENIC BACTERIA AND
5 TYPES OF FUNGI WERE FOUND ON:



AIR FILTERS



GENERAL SURFACES



AIR



VENTILATION DUCT

PATHOGENIC BACTERIA B1 AND B2 WERE DIMINISHED
AFTER 2 WEEKS.

**NORMAL BACTERIAL ECOLOGY WAS RESTORED
WITHIN 1 MONTH.**

NO RECURRENCE OF PATHOGENIC BACTERIA WITHIN THE
1 MONTH TESTING PERIOD.

STRAINS OF BACTERIA FOUND IN SAMPLES

B1 - FECAL MATTER INDICATOR
B2 - PATHOGENIC GRAM NEGATIVE BACTERIA
B3 - PSEUDOMONAS SP
B4 - STAPHYLOCOCCUS SP

FUNGI F, F2 AND F3 WERE DIMINISHED AFTER 3
DAYS,

**NORMAL FUNGI ECOLOGY WAS RESTORED
WITHIN 1 MONTH.**

NO RECURRENCE OF FUNGI WITHIN THE
1 MONTH TESTING PERIOD.

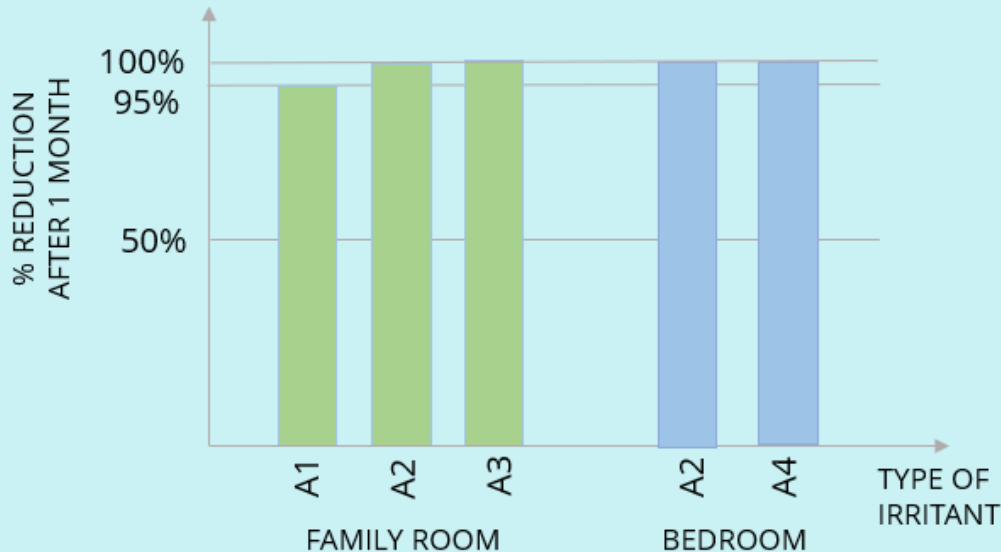
STRAINS OF FUNGI FOUND IN SAMPLES

F1 - YEAST
F2 - ASPERGILLUS
F3 - ALTERNARIA
F4 - CLADOSPORIUM
F5 - RHIZOPUS

BETTERAIR TESTING IN HOMES



TWO ROOMS OF A RESIDENTIAL HOME WERE TESTED - FAMILY ROOM AND BEDROOM.
TOTAL OF 4 TYPES OF ALLERGENS WERE FOUND IN THE SAMPLES .
THE SAMPLES WERE COLLECTED FROM THE FLOOR



AFTER 1 MONTH OF USE, DUST MITE ALLERGENS TYPE 2,
PET AND COCKROACH ALLERGENS HAD DIMINISHED.
TYPE A1 ALLERGENS IN FAMILY ROOM WERE
REDUCED BY 95%.

**PROBIOTIC BACTERIA SIGNIFICANTLY REDUCED OR
COMPLETELY DIMINISHED ORGANIC IRRITANTS THAT
ARE THE MAIN CAUSE FOR ALLERGIES AT HOMES.**

TYPES OF IRRITANTS FOUND IN SAMPLES

- A1 - DUST MITE ALLERGEN TYPE 1
- A2 - DUST MITE ALLERGEN TYPE 2
- A3 - CAT ALLERGEN
- A4 - COCKROACH ALLERGEN

BETTERAIR CASE STUDY LOCATIONS

MEDICAL



Beit Gadi Medical
Center in Netanya,
Israel



Care Partners Assisted
Living in Little Chute,
Wisconsin, U.S.

COMMERCIAL



Azrieli Towers in Tel
Aviv, Israel



Beit Rubinstein
in Tel Aviv,
Israel

RESIDENTIAL



Residential building
in West Palm Beach,
Florida, U.S.

AVIATION



International Airline,
Boeing 777