

PRODUCT DATA SHEET

Product Name: TEST KIT for Bacteria and Mould

Size: **Code:**

2 pack 630-058

4 pack 630-059

10 pack 630-060

Description:

- DIY testing for bacteria or mould contamination in indoor environments.
- Suitable for testing contamination in air, surfaces and water.
- Test results indicate microbial concentration levels.
- Accurate results within 5 days.

Specifications:

Dimensions: 110 x 30mm (diameter)
 Shelf Life: 10 months (store at 19-30°C)
 Lifespan: Use immediately upon opening

Applications:

- Use for testing air streams, surfaces and water
- Monitor air handling systems regularly and accurately

Directions for use:

- Remove dip slide from plastic container
- **Air testing** - hold the dip slide by the larger tab and place one side in front of air stream (pictured below) for one minute. Place opposite side in front of air stream for another minute
- **Surface testing** - hold the dip slide by the tab at each end, press one side against the surface; Use ribbed neck to bend dip slide to allow for full contact with surface; Repeat with the opposite side on an area close to the first site of testing
- **Water testing** - hold the dip slide by the larger tab; Either immerse the dip slide into water for 10 seconds OR hold the dip slide under running water to cover both sides OR spray water to cover both sides



Use light agar to test for bacteria and mould

Use dark agar to test for yeast and mould

Directions for use (cont.):

- Replace dip slide into plastic container and seal firmly
- Complete label and adhere to plastic container
- Incubate test sample by placing inside a box; Allow to warm from 25°C to 32°C for 48 to 120 hours
- Refer to in pack chart for interpretation of results

Features & Benefits:

- Easy to use
- Fast and accurate results
- No need for analysis in laboratory
- Safe disposal in household waste
- Cost effective



MICROBIAL CONTROL TECHNOLOGY

SAN-AIR™ is a Microbial Control Technology, independently validated to reduce fungal and bacterial bio-burden levels within indoor environments. Formulated with over 20 plant actives, SAN-AIR is 100% safe for humans, animals and the environment.

Scientific breakthrough in natural organic chemistry

Created through extensive research and development, the technology capitalises on the relationship between nature and science to effectively neutralise and control airborne and surface contamination without the use of toxic chemicals.

Natural air and surface purification

An average person spends almost 90% of their time indoors. High levels of indoor bio-burden have been linked to many severe health conditions. SAN-AIR decreases the indoor bio-burden to levels well below current Australian standards for indoor air:

- Less than 150 colonies of mould per 1000 litres
- Less than 1000 colonies of bacteria per 1000 litres

100% plant actives

SAN-AIR is made with a proprietary mix of selected Australian organic essential oils, carefully blended to deliver powerful microbial reduction properties at very low dosage. All of these actives have specific effects on microbial life and strict controls are utilised to maximise their effect whilst safeguarding their relationship with each other.

Fast-acting impact on microbes

Viruses host in bacteria; bacteria and mould host on particulate matter, such as dust particles and pollen, either in the air or on surfaces. Upon contact, SAN-AIR will cause the germ to die by stopping bacteria from reproducing and mould from receiving oxygen, eliminating their ability to grow, multiply, spread and infect other parts of the indoor environment. By killing the bacteria, SAN-AIR also causes the viruses to die.

Long lasting protection

Once SAN-AIR removes the infestation and the space has been cleaned, the product continues working to prevent new infestations from appearing. The SAN-AIR Technology offers a complete solution, from the removal bacteria and mould to continued lasting protection.

Independently tested and validated using the highest level of test methodologies currently available

EUROFINS | AMS (TGA Licence No: MI-15112007-LI-002191-11 APVMA Licence No: 6139)

- **SAN-AIR V3R Liquid - passed TGA COVID-19 test - 99.99% kill on contact**
- **SAN-AIR V3R Gel - passed TGA COVID-19 test - 99.99% kill in 10 minutes**
In accordance with Therapeutic Goods Administration (TGA) protocols for COVID-19 efficacy claims, SAN-AIR gels and liquids were tested by a NATA accredited laboratory against the Murine Hepatitis Virus (MHV-1) as a surrogate virus for COVID-19.
- **SAN-AIR Liquid passed the TGA Disinfectant Test, Option A, B and C**
SAN-AIR liquid is classified as a household & commercial grade disinfectant. The only proven disinfectant that contains 100% natural actives and has no harsh chemicals.
- **SAN-AIR Gel kills 99% airborne bacteria, fungus, mould and spores**
SAN-AIR gel was shown to come into contact with 55% of airborne particles every hour, killing any bacteria or mould travelling on that particle. After 24 hours, the result demonstrated a microbiologically safer indoor environment. Within 24-48 hours, the indoor environment showed a remarkable reduction in airborne contaminants.

UNISEARCH EXPERT OPINION SERVICES – UNSW GLOBAL AUSTRALIA

Test Organism (using TGA Option C Test)	SAN-AIR GEL KILL-RATES (%) Contact Time	
	5 minutes	30 minutes
Escherichia coli (ATCC 8196)	99.999	99.999
Staphylococcus aureus (ATCC 4163)	99.954	99.978
Listeria monocytogenes (UNSW 030800)	99.999	99.999
Micrococcus luteus (NCTC 7743)	76.390	95.921

CHEMSIL

- **SAN-AIR kills 99% for fungicidal activity and 99% for sporicidal activity**
In accordance with TGA protocols, SAN-AIR was tested against representative mould species to determine efficacy against fungus and fungal spores (which are more difficult to kill than fungus).



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