



**RAKIRO**

*Create...Innovate...Deliver!*

**Rakiro Biotech Systems Private Limited**  
**[www.rakiro.net](http://www.rakiro.net)**

# About Us

Rakiro provides solutions for testing, measurement and water treatment for the process Industry. In past few years we have made a mark in the field of testing and have a strong presence in India as well as other parts of the world with a wide network of dealers & distributors. Also with a vast experience in the field of water treatment our chemical division specializes in chemical formulations required in the smooth running of various processes and helps improve the efficiency of production. We are truly invested in understanding our clients' needs and working with them to deliver high quality solutions, with continuously reviewing and improving our way of working. All our products are evaluated and approved by major institutes and authorities in India.

## Our Infrastructure

Our pragmatic workforce & state of the art manufacturing facility produces a wide range of Instruments & Field Test Kits for both microbiological & chemical analytical parameters. Our ERP system based operations help us to make majority of the product range available of the shelf. This helps all our clients in enhancing the pace of onsite Testing or Treatment & thus efficiently monitor a running process. We understand the importance of systems and processes for smooth functioning and thus we follow system driven operations. We have acquired ISO 9001:2015 certification for our Quality Management System (QMS).



Automized Production

Instrument Assembly



Quality Control

R&D Laboratory



## Our Team

For us leadership is not about glorious crowning acts. It's about keeping your team focused on a goal and motivated to do their best to achieve it.



# BACTASLYDE<sup>®</sup>

*Detect Bacteria Easily  
Anytime... Anywhere...*



BACTASLYDE is a quick, easy & economical technique of monitoring bacteria in liquids, solids and also on surfaces. It is used virtually in any industry by engineers, water treatment professionals and facilities management specialists to make bacteria testing quick and easy. BACTASLYDE is regularly used worldwide for monitoring microbiological contamination and has been found to be reliable as it compares well with conventional microbiological techniques. BACTASLYDE is extremely easy and can be used even by a non technical person at site very effectively as it does not require any laboratory or additional equipment. It is an economical & no capital investment is required. BACTASLYDE helps to improve efficiency, prolong equipment life and reduce breakdowns.

- **Extremely Easy and Quick**
- **No Need of Incubator**
- **Microbiology Laboratory Not Required**

- **No Capital Investments**
- **Can Be used by Non Technical Person**
- **DIY On Site Test**

- **Quick and Accurate Results**
- **Tested by National Laboratories**

## BACTASLYDE<sup>®</sup> DIP SLIDE TEST KIT

BACTASLYDE is a presterilized plastic paddle coated with specially developed proprietary media on each side for the growth of a variety of bacteria, yeasts & fungi. Its dual media enables you perform the Total Bacterial Count on one side and the specific bacteria species count on the other side at the same time in just 24 hours. BACTASLYDE has been found to be reliable and compares well with conventional microbiological techniques. Such slides are in regular usage, worldwide, for monitoring microbiological contamination. BACTASLYDE is supplied in a pack of 5 along with the complete instructions & a density chart for quantitative analysis of bacteria.



How to use  
BACTASLYDE<sup>®</sup>  
Dip Slide?

**Step 1**  
Dip for 20-25 seconds.  
Use a clean container to  
hold the test material



**Step 2**  
At room temperature  
(18-32°C) No need of  
an incubator



**Step 3**  
Match with  
Density Chart



## BACTASLYDE<sup>®</sup> POUCH PACK TEST KIT

BACTASLYDE POUCH PACK is an easy to use test kit with specially developed media for various bacteria that will enable you perform a presence or absence test. Even one organism if not desired in the sample material can be tested and analyzed. Its enables you to perform onsite bacteria tests & can be used virtually in any industry. BACTASLYDE has been found to be reliable and compares well with conventional microbiological techniques. Such Pouch Tests are in regular used, worldwide, for monitoring microbiological contamination. Our ready to use Bacteria Test kit has media pouch with sterile container and supplied in a pack of 5 along with the complete instructions set.



How to use  
BACTASLYDE<sup>®</sup>  
Pouch Packs?

**Step 1**  
Pour Test Sample up to  
100ml mark in the  
sterile bottle.



**Step 2**  
Cut open the & Pour  
the contents of  
into bottle.



**Step 3**  
Keep in a warm place  
for 18 to 24 hours &  
Observe the colour



# BACTASLYDE Range

Sr	Product Code	Product Description	Application in Various Industries
1	BS101	(Yeast & Fungi + Total Bacteria Count) Test Kit	Food, Soft Drink & Ice-cream, Dairy, Breweries, Pharma, Hospitals, Paper & Pulp, Paint & Pigment, Metal Working Fluids.
2	BS102	(E.coli + Total Bacteria Count) Test Kit	Food, Soft Drink and Ice-cream, Pharma, Dairy, Water & Waste Water Treatment
3	BS103	(Pseudomonas + Total Bacteria Count) Test Kit	Food, Soft Drink and Ice-cream, Pharma, Dairy, Paper & Pulp, Paint & Pigment, Cooling Tower Water, Metal Working Fluids.
4	BS115	(Sulphate Reducing Bacteria) Kit	Paper & Pulp, Cooling Tower Water, Metal Working Fluids.
5	BS125	Algae Test Kit (Energy Source + 5 Test Media Pack)	Cooling Waters, Open Ponds, Fire / Guard Pond Water, Lakes.
6	BS130	Nitrifying / De-Nitrifying Bacteria Test Kit	Fertilizer Cooling Tower, Petrochemical Cooling Tower, any Closed System like Chiller, Refrigerators, Air Conditioner etc
5	BSPP1	Iron Oxidizing Bacteria Test Kit	Cooling Waters, Open Ponds, Water Outfalls from Pipelines, Metal Working Fluids.
6	BSPP2	Salmonella Species Test Kit	Food, Eggs, Egg Powder, Spices, Fisheries, Hospitals
7	BSPP3	Staphylococcus Aureus Species Test Kit	Food, Milk Products, Fresh Fish, Meat, Sauces, Canned Foods, Hospitals.
8	BSPP4	Vibrio Species Test Kit	Food, Fisheries, Processed Fish viz. Cooked deep frozen Prawns & Shrimps.

**NOTE: 5 Tests can be performed in each pack**

BACTASLYDE is a quick, easy & economical means of monitoring bacteria and is used virtually in any industry by engineers, water treatment professionals and facilities management specialists to make bacteria testing quick and easy. BACTASLYDE is regularly used worldwide for monitoring microbiological contamination and has been found to be reliable as it compares well with conventional microbiological techniques.

## Dipslide Range

### 3 Easy Steps

► DIP ► INCUBATE ► READ

Quick Results



Total Bacterial Count (TBC)



TBC+ Pseudomonas



TBC+ Yeast & Fungi



TBC+ Escherichia Coli



Nitrate Reducing Bacteria (NRB)



Sulphate Reducing Bacteria (SRB)

**BACTASLYDE is used in any liquid, solid, semi solid as well as on surfaces.**

## Pouch Pack Range

### 3 Easy Steps

► MIX ► INCUBATE ► READ

ISO 11133 Compliant Media



Vibrio Species



Iron Bacteria



Nitrifying Bacteria



Algae



Salmonella Species



Staphylococcus Aureus

**BACTASLYDE is being used for more than 30 years in various industries**



# **ChekNsee**

Check & See  
The Water You  
Drink.

## Power to see the Invisible Danger

### Drinking Water Test

Water contaminated with bacteria is a major cause of water-borne disease in humans. Enteric diseases like diarrhoea, dysentery, typhoid, paratyphoid, gastroenteritis, cholera, etc. are caused by the tiny menaces viz bacteria.

Detecting these dangerous but unseen predators is quite a tough task. Normally it is the domain of the white coated microbiologist who works amidst sterile conditions and a lot of hush hush secrecy.

No longer! Modern science has now made testing so easy and convenient.

No laboratory! No hassles!! No hush hush secrecy!!! Just ChekNsee!

ChekNsee tests a group of bacteria, which are found in sewage. They are present in the intestine of man and animal and are generally

ChekNsee helps to check water from all kinds of sources viz.

- Taps • Purifiers • Coolers • Storage Tanks
- Rivers • Ponds • Springs

This extremely simple and convenient test can be carried out by anybody, anywhere i.e.

- Homes • Offices • Factories • Shops
- Banks • Hospitals • Hotels • Schools

Check your Water for  
harmful **Bacteria** easily.  
*Anytime... Anywhere...*



### Do it yourself easily to check and see! **Instructions for Use**



1. Media Pouches & sterile bottle



2. Cut open both the pouches carefully



3. Pour water sample upto 100ml mark



4. Pour pouch contents into bottle

5. Keep in a warm place for 18 to 24 hours  
(No Need for Incubator)

6. Then observe the colour of liquid in bottle

*Note: Conclude the result in 24 hours*



If colour does not change,  
the Water is  
**Potable**



When colour changes to Yellow the Water is  
**Not Potable**

Sr	Product Code	Product Description	No. of Tests / Pack
1	CNC2	Drinking water Test Kit ( Pack of 2 )	2
2	CNC10	Drinking water Test Kit ( Pack of 10 )	10

# Our Clients



# Our Network



## RAKIRO

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