

Easy-to-use  
**BACTASLYDE®**  
Microbe Detection Device



**Dip Slides**



**Pouch Products**

**RAKIRO BIOTECH SYSTEMS PVT LTD**  
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## BACTASLYDE : Comparison with Other Methods

Methods	No. of Steps involved	Trained manpower	Pre treatment of sample	Maintenance	Convenience	Capital Investment
Plate Count Method	6	Required	Not Required	Required	Tedious	Required
Most Probable Number	6	Required	Not Required	Required	Tedious	Required
Membrane Filter	6	Required	Not Required	Required	Tedious	Required
Direct Counts	4	Required	Required	Required	Convenient	Required
Bioluminescence	3	Required	Essential	Required	Convenient	Required
Direct Epifluorescence Technique (DEFT)	6	Required	Essential	Required	Convenient	Required
<b>BACTASLYDE</b>	<b>1</b>	<b>Not Required</b>	<b>Not Required</b>	<b>Not Required</b>	<b>Most Convenient</b>	<b>Not Required</b>

Easy-to-use

# BACTASLYDE<sup>®</sup>

Microbe Detection Device

Vibrio cholera is the causative agent of cholera that occurs naturally in water and is transmitted primarily through faeces and sewage polluted drinking water and food. Earlier cholera was found in practically all major cities of the world especially in places with ineffective sanitation and where not much was done to prevent pollution of food and water. However after consistent vigilance by both National and International health authorities all over the world and with sanitary engineering of sewage disposal and water supplies, this scourge of mankind has been brought under much control. But it is still found in fish and shellfish, produce, or leftover cooked grains. Marine and estuarine fishes are the most susceptible medium & it is usually most severe in marine culture & fish farms. BS PP4 is supplied in packs of 5 along with complete instructions for a qualitative analysis of the contamination.

## VIBRIO BS PP4



### How to use

Wash hands thoroughly with soap & water before handling BACTASLYDE BS-PP4.



1. Media pouches & sterile bottle



2. Cut open both the pouches carefully



3. Pour the contents of both pouches into the bottle



4. Pour water up to the red arrow mark and mix by swirling the bottle



### Observations

• Initially the sample along with the media will be a bluish violet colour

• If **VIBRIO** species are present, the liquid will turn from bluish violet to yellowish orange.

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## BACTASLYDE : Application in Different Industries

Industry	Application	Bactaslyde Code
Paint & Pigments	Process & production waters, raw materials, Finished products (water based paint & pigments)	BS 101, BS 102, BS 103
Metal Working Fluids	Cutting oils, coolants in the sump, raw water (make-up)	BS 101, BS 103, BS 115
Cooling Water Systems	Make-up waters, cooling waters, (recirculating water, basin water) Close systems	BS 103, BS 115, BS PP1 BS 125, BS 130
Food Processing Industry	Raw materials (e.g. cream, milk, meat, fish, vegetables), Water used for production and cleaning purpose, finished products (e.g. meat / fish preparations, cakes, soups, sauces, jams, squashes,spices)	BS 101, BS 102, BS 103, BS PP2, BS PP3, BS PP4
Pulp & Paper Industry	White waters (slurry and pulp mixtures), process waters	BS 101, BS 103, BS 115 BS 125
Sugar Industry	Primary, mixed, clarified juice, process waters, finished sugar	BS 101, BS 103, BS 115
Water Treatment Chemical Manufacturers	Laboratory and onsite, evaluation of biocides	BS 103, BS 115, BS PP 1 BS 125, BS 130

Industry	Application	Bactaslyde Code
Manufacturers Bulk Drug	Process waters, production water, (demineralized water)	BS 103, BS 115
Manufacturers Water & Waste Water Treatment Systems	Monitoring of waste water at different stages	BS 102, BS 103, BS 115 BS 125
Cosmetics	Process waters. (demineralized water) raw materials, finished product.	BS 101, BS 102, BS 103, BS PP 2, BS PP 3
Dairy	Raw milk, pasteurised milk, evaluation of the cleaning-in-process.	BS 101, BS 102, BS 103 , BS PP 2, BS PP 3
Brewery	Process waters, pasteurised Beer fermentation broth.	BS 101 , BS 102, BS 103, BS 115
Water Based Adhesives	Process waters, raw materials, finished product	BS 101, BS 103, BS 115
Oil and Petroleum	Injection waters, fuel (petrol, aviation)	BS 101, BS 103, BS 115
Fisheries	Ponds, Sea water, Processed products	BS 102, BS PP 2, BS PP 3, BS PP4

**BS 101** - Yeasts & Fungi + TBC   **BS 102** - Escherichia coli + TBC   **BS 103** - Pseudomonas + TBC   **BS 115** - SRB   **BS 125** - Algae Species  
**BS PP1** - Iron Bacteria   **BS PP 2** - Salmonella Species   **BS PP 3** - Staphylococcus Species   **BS PP 4** - Vibrio Species. **BS130** : Nitrifying / Denitrifying Bacteria

## Our Other Product Range

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Chloroscope Chromate Copper Dissolved Oxygen Fluoride  
Hydrazine Hydrogen Peroxide Iron Molybdate Nitrate Nitrite  
Orthophosphate pH Phosphonate Silica Sulphate Sulphite  
Tannin Total Hardness Turbidity Zinc

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Power to see the Invisible Danger



## Drinking water test kit

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