

**RAKIRO BIOTECH SYSTEMS PVT LTD**

R-466, TTC Industrial Area, MIDC

Rabale, Navi Mumbai - 400701

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Email :- sales@rakiro.net

Doc No : TDSBSV1000**Date :** 01-04-2026**Type :** BACTASLYDE**Product Code:** BSV1000

PRODUCT DATA SHEET

1 INFORMATION

Product Code: BSV1000

Product Name: BACTASLYDE - H₂S TEST VIAL (1 Test)**2 DESCRIPTION**

BACTASLYDE H₂S Vial is a simple and reliable field test for the rapid detection of hydrogen sulphide (H₂S) producing bacteria in drinking water. It provides a quick indication of possible bacterial contamination without requiring laboratory equipment or technical expertise. The test is ideal for monitoring water from wells, borewells, storage tanks, overhead tanks, hand pumps, taps, RO systems, and other drinking water sources. Simply add the water sample to the vial and incubate at room temperature or as recommended. A change in colour to black indicates the presence of H₂S-producing bacteria, suggesting possible faecal contamination and the need for further microbiological investigation. The compact, ready-to-use vial is suitable for both laboratory and on-site testing. It is widely used by water treatment professionals, industries, municipalities, NGOs, schools, hospitals, and public health organizations. BACTASLYDE H₂S Vial offers a cost-effective solution for routine water quality screening and helps promote safe drinking water practices. It is an excellent choice for regular monitoring where rapid, convenient, and economical bacterial screening is required.

3 FEATURES

- Microbiology Laboratory Not Required
- Can Be Used by Non-Technical People
- No Need for an Incubator
- Can Be Used at Site Very Effectively
- Avoid breakdowns & Prolong Equipment life
- Optimise usage of Water Treatment chemicals
- Improve efficiency & improve environment
- No capital investment Required

4 SpecificationSpecies: H₂S - SALMONELLA SPECIES

No of Tests: 1 Test

Range: Present / Absent

Packing: Carton Box

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5 Reference

1. Am J Trop Med Hyg. 2013 Aug 7;89(2):251–259. - H2S as an Indicator of Water Supply Vulnerability and Health Risk in Low-Resource Settings
 2. Levy K, Nelson KL, Hubbard A, Eisenberg JN. Rethinking indicators of microbial drinking water quality for health studies in tropical developing countries: case study in northern coastal Ecuador. Am J Trop Med Hyg. 2012;86:499–507.
 3. Manja K, Maurya M, Rao K. A simple field test for the detection of fecal pollution in drinking water. Bull World Health Organ. 1982;60:797–801.
 4. Wright JA, Yang H, Walker K, Pedley S, Elliott J, Gundry SW. The H2S test versus standard indicator bacteria tests for fecal contamination of water: systematic review and meta-analysis. TM & IH. 2012;17:94–105.
 5. Castillo G, Duarte R, Ruiz Z, Marucic MT, Honorato B, Mercado R - Evaluation of disinfected and untreated drinking water supplies in Chile by the H2S paper strip test. Water Res. 1994;28:1765–1770.
- Also references from Other Reference Papers and Articles

6 HANDLING INSTRUCTIONS

Keep away from Direct Heat, Sunlight and Moisture. Keep the container closed when not in use. The product should not be swallowed and prolonged contact with the skin should be avoided.

7 Note

The test principles and culture media are based on established microbiological practices and relevant published reference methods. These kits are intended for routine monitoring and presumptive screening. Positive or doubtful results should be confirmed using an applicable laboratory reference method.