

Certificate of Analysis

Certificate No: BMDX/COA/P/374/2026

Product Name: TCBS Agar
Product Code: FP90T2001
Lot No: 260318001
Expiry date: 24/06/2026
Date of Analysis: 30/03/2026 – 02/04/2026
Parameter Requirement: Physical, Chemical and Microbiological Analysis

| Physical & Chemical Test | Specification | Results |
|--------------------------|---|---------|
| Color | Green, slightly opalescent | Passed |
| pH | 8.6 ± 0.2 | Passed |
| Hardness | Semi-solid with a firm, smooth, & bounces surface | Passed |
| Pour Depth/Thickness | 4.00-4.50mm | Passed |

| Microbiological Test | Specification | Results |
|---|-----------------------------|---------|
| <i>Vibrio alginolyticus</i> ATCC® 17749 | Growth. Yellow colonies | Passed |
| <i>Vibrio parahaemolyticus</i> ATCC® 17802 | Growth. Blue Green colonies | Passed |
| <i>Escherichia coli</i> ATCC® 25922 | No growth | Passed |
| Uninoculated plate | No growth | Passed |

Sample statement:

1. Culture media were prepared according to procedure SP-PD-BMDX-02 Production Process Control and SP-PD-BMDX-11 Product Specification.
2. Culture media were kept at temperature conditions 2-8°C.
3. QC Organisms were prepared and followed according to procedure SP-QC-BMDX-07 Quality Control Testing and SP-PD-BMDX-11 Product Specification.

Result:

The information given is believed to be correct, all results reported in this certificate relate only to the product in this certificate of analysis according to SP-PD-BMDX-11 Product Specification.

Sign by:



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QC Executive
BSc. in Microbiology with Honours
Universiti Putra Malaysia

Date: 02/04/2026

