

**Product:** Brain-Heart Infusion (BHI) Agar

**Catalog Number:** i23022

**Lot Number:**

**Date of Release:**

**Expiration Date:**

**Intended Use:** A solid medium which contains the highly nutritious infusions recommended for the cultivation of fastidious organisms.

**Dehydrated Appearance:** Beige, free-flowing, homogeneous.

**Solution:** 5.2 % solution, soluble in purified water. Solution is light to medium amber, slightly opalescent to opalescent with a flocculent precipitate.

**Prepared Appearance:** Light to medium amber, slightly opalescent to opalescent with a flocculent precipitate.

**Gelling:** Firm

**pH of 5.2 % solution at 25 °C:**  $7.4 \pm 0.2$

**Cultural Response:** Medium was prepared per label directions without (plain) or with 5% defibrinated sheep blood (SB). Inoculated and incubated at  $35 \pm 2^\circ\text{C}$  without or with 5-10% CO<sub>2</sub> for 18-48 hours (*A. brasiliensis* aerobically at  $30 \pm 2^\circ\text{C}$  for 18-72 hours) with organisms below.

| Organism  | ATCC* | CFU                              | Recovery |
|---|-------|----------------------------------|----------|
| <i>Escherichia coli</i>                             | 25922 | 10 <sup>2</sup> -10 <sup>3</sup> | Good     |
| <i>Aspergillus brasiliensis</i><br>( <i>niger</i> ) | 16404 | 10 <sup>2</sup> -10 <sup>3</sup> | Good     |
| <i>Staphylococcus aureus</i>                        | 25923 | 10 <sup>2</sup> -10 <sup>3</sup> | Good     |

\*ATCC is a registered trade mark of the American Type Culture Collection.

QC Department