

# Technical Data Sheet

## Product information

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| Product code                                         | B097.77.0450                  |
| Product name                                         | Baird Parker Agar Base RPF    |
| Short name                                           | BPA BASE RPF                  |
| Packing description<br>(size, type, filling, amount) | 500ml, Bottles, 450ml, 1pc(s) |

Intended user

## Storage Conditions

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Storage temperature         | 2-25°C                                                                              |
| Storage conditions          | Keep the products in a low humidity environment, protected from moisture and light. |
| Shelf Life                  | See expiry date on the label (valid for closed packaging).                          |
| Shelf life after production | 52 Weeks                                                                            |

## Typical Composition \*)

| Ingredient                | Amount of | Per liter |
|---------------------------|-----------|-----------|
| Tryptone                  | 10        | g         |
| HM extract (meat extract) | 5         | g         |
| Yeast extract             | 1         | g         |
| Glycine                   | 12        | g         |
| Sodium pyruvate           | 10        | g         |
| Lithium chloride          | 5         | g         |
| Agar                      | 15        | g         |
| Demiwater                 | 1000      | ml        |

\*) Adjusted as required to meet performance standards.

## Analytical Performance characteristics

|        |              |
|--------|--------------|
| pH     | 7,2 +/- 0,2  |
| Colour | cream/yellow |
| Clear  | No           |

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Particles

No

## Microbiological Performance

Conditions:

| Name  | Incubation time | Incubation temp (°C) | Environment | Transfer | Incubation time | Incubation temp (°C) | Environment |
|-------|-----------------|----------------------|-------------|----------|-----------------|----------------------|-------------|
| inc-A | 22 to 26 hours  | 37 +/-1              | Aerobic     |          |                 |                      |             |
| inc-B | 46 to 50 hours  | 37 +/-1              | Aerobic     |          |                 |                      |             |

| Name  | Microorganism                | Identification number                  | Method                      | Specification         | Electivity      |
|-------|------------------------------|----------------------------------------|-----------------------------|-----------------------|-----------------|
| inc-A | Staphylococcus aureus        | ATCC 25923<br>WDCM 00034<br>NCTC 12981 | Productivity of solid media | Growth >=50%          | black with zone |
| inc-A | Staphylococcus aureus        | ATCC 6538<br>WDCM 00032<br>NCTC 10788  | Productivity of solid media | Growth >=50%          | black with zone |
| inc-B | Staphylococcus epidermidis   | ATCC 12228<br>WDCM 00036<br>NCTC 13360 | Specificity of solid media  | Slight to good growth | black, no zone  |
| inc-B | Staphylococcus saprophyticus | ATCC 15305<br>WDCM 00159<br>NCTC 7292  | Specificity of solid media  | Slight to good growth | black, no zone  |
| inc-B | Escherichia coli             | ATCC 25922<br>WDCM 00013<br>NCTC 12241 | Selectivity of solid media  | Complete inhibition   |                 |

## Microbiological Contamination

|       | Incubation time | Incubation temp (°C) | Transfer | Incubation time | Incubation temp (°C) | Specification |
|-------|-----------------|----------------------|----------|-----------------|----------------------|---------------|
| Inc-a | 44 to 52 hours  | 30 +/- 1             |          |                 |                      | No growth     |

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