

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

|                          |  |
|--------------------------|--|
| <b>PRODUCT :</b>         | Mrs agar, modified (lactobacilli heteroferm screen agar) |
| <b>PRODUCT CODE NO.:</b> | B828   |

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

| PARAMETERS        | SPECIFICATIONS/STANDARD VALUES |
|-------------------|--------------------------------|
| <b>COLOR</b>      | Cream to yellow                |
| <b>APPEARANCE</b> | Homogenous free flowing powder |

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

| PARAMETERS                         | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|--------------------------------|
| pH(post autoclaving/heating)       | 5.5+/-0.2                      |
| COLOR (post autoclaving/heating)   | Green                          |
| CLARITY (post autoclaving/heating) | Clear to slightly opalescent   |

**QUALITY CONTROL TESTS : MICROBIOLOGICAL**

**CULTURAL RESPONSE:**

Cultural characteristics observed in presence of 5-10% Carbon dioxide(CO<sub>2</sub>) after an incubation at 35-37° C for up to 3 days.

| Organism Description                | Inoculum (CFU) | Growth      | Recovery |
|-------------------------------------|----------------|-------------|----------|
| Lactobacillus plantarum ATCC 8014   | [50-100]       | [luxuriant] | [>=50%]  |
| Lactobacillus casei ATCC 9595       | [50-100]       | [luxuriant] | [>=50%]  |
| Lactobacillus acidophilus ATCC 4356 | [50-100]       | [luxuriant] | [>=50%]  |
| Lactobacillus fermentum ATCC 9338   | [50-100]       | [luxuriant] | [>=50%]  |