

## TMB 006 – AGAROSE SPECIAL, LOW EEO (Molecular Biology Grade)

|                              |  |                         |
|------------------------------|--|-------------------------|
| REF NO: TBL/QA/SS/LC/TMB 006 | <b>STANDARD SPECIFICATION<br/>FOR AGAROSE SPECIAL,<br/>LOW EEO (Molecular Biology<br/>Grade)</b> | Rev. No: 03             |
| Issue No: 04                 |  | Review Date: 06/02/2025 |
| Issue Date: 07/02/2022       |  | Product code: TMB 006   |

### PRODUCT PROPERTIES

|                    |   |
|--------------------|---|
| C.A.S Number       | 9012-36-6   |
| Chemical Formula   | NA  |
| Formula weight     | NA  |
| Functional Uses    | Agarose Special, Low EEO is used to estimate the amino acid concentrations in agarose and agar samples it is also used for separating high molecular weight nucleic acids at low gel concentrations |
| Standard Packaging | 10 gm.,100 gm.,500 gm.,& 1kg  |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION              |
|-------------------|----------------------------|
| Appearance        | White free flowing powder. |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER           | SPECIFICATION |
|-----------------------------|---------------|
| EEO                         | 0.10          |
| Moisture                    | NMT – 10.0%   |
| Ash                         | NMT – 0.4%    |
| Sulphate (SO <sub>4</sub> ) | NMT – 0.2%    |
| Gelling Temp.               | 24 - 28°C     |
| Melting Temp.               | ~ 65°C        |
| DNases/RNases               | None detected |
| Nucleases/Proteases         | None detected |

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

