

## D-MANNITOL FOR MOLECULAR BIOLOGY

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| PRODUCT CODE                | 959800                                        |
| SYNONYMS                    | Mannite                                       |
| C.I. NO.                    | --                                            |
| CASR NO.                    | 69-65-8                                       |
| ATOMIC OR MOLECULAR FORMULA | C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> |
| ATOMIC OR MOLECULAR WEIGHT  | 182.17                                        |
| PROPERTIES                  | Store below 30°C                              |



| PARAMETER | LIMIT |
|-----------|-------|
|-----------|-------|

|                                                                                            |                                              |
|--------------------------------------------------------------------------------------------|----------------------------------------------|
| Description                                                                                | A fine white crystalline powder.             |
| Solubility                                                                                 | 10% Solution in water is clear & colourless. |
| Minimum assay (GC/HPLC)                                                                    | 99.00%                                       |
| Specification rotation $[\alpha]_D^{20}$<br>(C=8 in aq. 10.4% soln. of disod. tetraborate) | Between + 23 to + 25°                        |
| Melting range                                                                              | 165 - 170°C                                  |

### MAXIMUM LIMIT OF IMPURITIES

|                                |               |
|--------------------------------|---------------|
| Loss on drying (at 105°C, 2hr) | 0.50%         |
| DNase, RNase                   | None detected |

Note(s) : Assay (if applicable) method mentioned.

#### WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

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