



# Product Specification

cdhfinechemical.com

## DEXTRAN 40 FOR MOLECULAR BIOLOGY

|                                    |   |   |
|------------------------------------|---|---|
| <b>PRODUCT CODE</b>                | 924705  |   |
| <b>SYNONYMS</b>                    | --  |   |
| <b>C.I. NO.</b>                    | --  |   |
| <b>CASR NO.</b>                    | 9004-54-0   |   |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | (C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub> | (C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub> |
| <b>AVERAGE MOLECULAR WEIGHT</b>    | 35000-45000   |   |
| <b>PROPERTIES</b>                  | Storage 2 to 8 <sup>o</sup> C                                 |   |

| <b>PARAMETER</b>         | <b>LIMIT</b>                      |
|--------------------------|-----------------------------------|
| Description              | White powder.                     |
| Solubility               | 1% aq. Solution clear colourless. |
| pH (10% aq. solution)    | 4.5 -7.0                          |
| Average molecular weight | 35-45 KDa                         |

|                                  |      |
|----------------------------------|------|
| <b>MAXIMUM LIMIT OF IMPURITY</b> |      |
| Loss on drying                   | 7.0% |

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

|  |                |
|--|----------------|
| <b>WARNING</b>                                       | IMDG Code : -- |
| <b>Hazard statements:</b> Not hazardous. No hazards. | UN No. : --    |
| <b>Precautionary statements</b>                      | IATA : --      |
| <b>Prevention:</b> -----                             |                |
| <b>Response:</b> -----                               |                |

**Disposal:**-----

**Hazard Pictogram(s) :**-----