

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |                                             |
|--------------------------|---------------------------------------------|
| Product Name:            | <b>DEAE-Dextran</b>                         |
| Specifications & Purity: | pharmaceutical grade, PharmPure™, Mw 500000 |
| SKU #                    | <b>D401042</b>                              |

| Parameter                                                    | Limit Values                 |
|--------------------------------------------------------------|------------------------------|
| Appearance(D401042)                                          | White or almost white powder |
| Appearance of solution(6% sol.)                              | Clear and colourless         |
| Infrared Absorption                                          | pass                         |
| Absorbance 375nm (6% solution,4cm)                           | Complies                     |
| Loss on Drying(105°C,5h)                                     | 0-0.1                        |
| Nitrogen content                                             | 0-7 (%)                      |
| Degree of substitution                                       | 2.5-4 (%)                    |
| Specific Viscosity                                           | 0.4-0.72                     |
| Residue on Ignition                                          | 0.5-1                        |
| Microbiological examination TAMC                             | 0-1 (%)                      |
| Microbiological examination TYMC                             | 0-100 (cfu/g)                |
| Bacterial endotoxins                                         | 0-100 (cfu/g)                |
| Specific Rotation [α] <sub>20</sub> /D(6% sol)(after drying) | 0-10 (IU/mg OR I.U./mg)      |
|                                                              | 135-155 (°)                  |