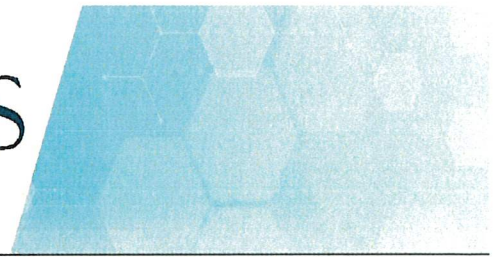


# DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization



## CERTIFICATE OF ANALYSIS

Product: Dextran Powder (Hydrogenated)

M.W. 4,000

Lot No: D-5530A-4

Manufactured Date: February 2025

Expiry Date: February 2030

| <u>TESTS</u>   | <u>SPECIFICATIONS</u>              | <u>RESULTS</u> |
|--|------------------------------------|----------------|
| Appearance   | White to slightly off white powder | Passes         |
| Loss on Drying   | NMT 7.0%                           | 4.8%           |
| Ash Content  | NMT 2.0%                           | 0.1%           |
| Specific Rotation [ $\alpha$ ] <sup>20</sup> <sub>D</sub><br>(2% Solution) | NLT + 140°                         | +166°          |
| Intrinsic Viscosity at 37° C<br>(1% Solution)                              | 0.045 to 0.055                     | 0.039*         |
| pH (10% Solution)  | 4.5 to 7.0                         | 6.0            |
| Colour of Solution at 375 nm<br>(10% solution)                             | NMT 0.12 OD Units                  | 0.03           |
| Cold Water Solubility<br>(1% solution)                                     | Soluble in cold water              | Passes         |
| Molecular Weight by GPC  | Run and Report                     | 2782 Das       |

\*Result Acceptable only for DS8 (DS08-5100) Production

Prepared By:   *SM*   Date:   *Apr. 16/2025*   Job Title:   *QC Manager*  

Reviewed By:   *Chad*   Date:   *Apr 16/25*   Job Title:   *QA Supervisor*