

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Dextran Powder
M.W. 10,000
Lot No: D-5485A-1
Manufactured Date: July 2022
Expiry Date: July 2027

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	White to slightly off-white powder	Passes
Specific Rotation [α] _D ²⁰ (2% Solution)	NLT +148°	+190°
Colour of Solution at 375nm (10%)	NMT 0.20 OD Units	0.02
pH (10% solution)	4.5 to 7.0	5.1
Loss on Drying	NMT 7.0%	4.7%
Ash Content	NMT 2.0%	0.1%
Intrinsic Viscosity at 37° C (1% Solution)	0.08 to 0.11	0.09
Cold Water Solubility (1% solution)	Soluble in cold water	Passes
Chloride	NMT 1%	0.04%
Weight Average Molecular Weight by GPC		TBD

Prepared By: M Date: Dec. 05/2024 Job Title: QC Manager

Reviewed By: Chw Date: Dec 5/2024 Job Title: QA Supervisor