

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Dextran Powder (Hydrogenated)

MW 150,000

Lot No: D-5539AM-1

Manufactured Date: June 2025

Expiry Date: June 2030

TESTS

SPECIFICATIONS

RESULTS

Appearance

White to slightly off
white powder

Passes

Loss on Drying

NMT 7.0%

6.8%

Ash Content

NMT 2.0%

0.1%

Intrinsic Viscosity at 37° C

0.32 to 0.37

0.34

pH (6% solution)

4.5 to 7.0

5.2

Colour of Solution at 375 nm
(6% solution)

NMT 0.15 OD Units

0.02

Specific Rotation $[\alpha]^{20}_D$
(2% Solution)

Between +195° and +203°

+196°

Cold Water Solubility
(1% solution)

Soluble in cold water

Passes

Prepared By: M

Date: July 03/2025

Job Title: QC Manager

Reviewed By: C. Hume

Date: July 3/25

Job Title: QA Supervisor