

DEXTRAN PRODUCTS

Part of the BIOSPECTRA™ Organization

CERTIFICATE OF ANALYSIS

Product: Dextran Powder (Hydrogenated)

MW 150,000

Lot No: D-5537A-1

Manufactured Date:

May 2025

Expiry Date:

May 2030

TESTS

SPECIFICATIONS

RESULTS

Appearance

White to slightly off
white powder

Passes

Loss on Drying

NMT 7.0%

6.3%

Ash Content

NMT 2.0%

0.2%

Intrinsic Viscosity at 37° C

0.32 to 0.37

0.35

pH (6% solution)

4.5 to 7.0

5.2

Colour of Solution at 375 nm
(6% solution)

NMT 0.15 OD Units

0.05

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

Between +195° and +203°

+197°

Cold Water Solubility
(1% solution)

Soluble in cold water

Passes

Prepared By: _____

M

Date: _____

June 04/2025

Job Title: _____

QC Manager

Reviewed By: _____

Chen

Date: _____

June 4/25

Job Title: _____

QA Supervisor