



DEXTRAN PRODUCTS

(A Division of POLYDEX PHARMACEUTICALS LIMITED)

421 - 423 Comstock Road
Scarborough, Ontario, Canada
M1L 2H5

Tel: 416-755-2231

Fax: 416-755-0334

www.dextran.ca

CERTIFICATE OF ANALYSIS

Product: Sodium Dextran Sulphate

Molecular Weight: 8,000

Lot No: DS8-059

Manufactured Date: March 2024

Expiry Date: March 2027

TESTS

SPECIFICATIONS

RESULTS

| | | |
|--|---|----------|
| Identity (Colormetric) | To Pass Test | Passes |
| Appearance | Off-white to light yellow powder | Passes |
| Loss on Drying | NMT 10.0% | 5.5% |
| Free Inorganic Sulphate | NMT 0.2% | N.D. |
| Residue on Ignition | 35% - 50% | 42% |
| Total Sulphur Content | 17.0% - 20.0% | 18.8% |
| Glucose Content | 35% - 48% | 37% |
| Specific Viscosity (In 1.0M NaCl at 25°C) | 0.018 - 0.032 | 0.029 |
| pH (1% solution) | 5.0 to 7.5 | 7.1 |
| Specific Rotation $[\alpha]_D^{20}$ | +75° to +105° | +87° |
| Insoluble Iron | NMT 2.0 % | N.D. |
| Residue Pyridine | NMT 2.0 % | 1.0% |
| Clarity (20% solution) | NMT 0.9 OD units at 360 nm NMT 10 specs in 100 mL of 20% Soln. | 0.1 3 |
| Chloride Content | NMT 1000 ppm | 406 ppm |

Certified Correct By:

Sandra Corlija, May 23/24

Sandra Corlija, B.Sc.Chem.Eng.
Q.A. Department