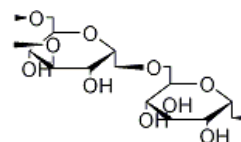


Product Specification

Product Name:

**Dextran 5, Analytical Standard for Gel Permeation Chromatography (GPC),
(Mw = 5000)**

Product No.: PSR50002
Brand: PureSynth
CAS No.: 9004-54-0
Molecular Formula: $(C_6H_{10}O_5)_n$
Molecular Weight: Mn ~3,300
Mp ~4,400
Mw ~5,200



| Test | Specification |
|--|-----------------------|
| Appearance | White powder |
| Suitable for Gel permeation chromatography (GPC) | Conforms |
| Molecular number (Mn) | ~3,300 |
| Mean Peak Molecular weight (Mp) | ~4,400 |
| Average Molecular weight (Mw) | ~5,200 |
| Polydispersity index (Mw / Mn) | ~1.58 |
| Identification (By IR) | Conforms to structure |
| Intrinsic viscosity (at 25°C) | 7.0 – 8.6 mL/g |

Specification No: AS-1.0-QA/002

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com