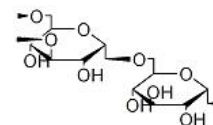


Technical Data Sheet

Dextran

Compound Information

Product Name:	Dextran
CAS No.:	9004-54-0
Molecular Formula:	C ₁₇ H ₃₂ O ₁₀
Molecular Weight:	396.42998
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	White or almost white powder
Solubility	H ₂ O: soluble 50mg/mL, clear to very slightly hazy, colorless to faintly yellow
Elemental Analysis (Theory) Nitrogen (N)	≤ 110 ppm
Heavy Metals	≤ 10 ppm
Anion Chloride (Cl)	≤ 0.1%
pH	2 - 10
Specific Rotation	[α] _{D20} = 170 - 190 °
LOD	≤ 7%
Residual Solvents	≤ 0.5%
Residue On Ignition	≤ 0.5%
Additional Information Average molecular weight	4000 - 6000
MS	Pass test
¹H NMR	Pass test
¹³C NMR	Pass test
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.