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Product Specifications

Catalogue Number	29891
Product	Dextran powder, $M_w \sim 100,000$
CAS Number	9004-54-0
Molecular Formula	$(C_6H_{10}O_5)_n$

Appearance	White to slightly off-white powder
Solubility	Soluble in cold water (1% Solution) Color of 6% solution: NMT 0.15 OD Units at 375nm.
Viscosity	0.26-0.32 (1% Solution at 37 °C)
pH	4.5-7.0 (6% Solution)
Optical Rotation	$[\alpha]_D^{20} = +195^\circ$ to $+203^\circ$ (2% Solution)
Loss on Drying	$\leq 7\%$
Ash	$\leq 2\%$
Storage	Store at RT

For Laboratory Use Only