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Product Specifications

Catalogue Number	29887
Product	Dextran powder, $M_w \sim 10000$
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 10% solution: NMT 0.20 OD Units at 375nm.
Viscosity	0.08 - 0.11 (37 °C in 1% Solution)
Heavy Metals	≤ 20 ppm
Anion	Chloride (Cl ⁻): $\leq 1\%$
pH	4.5 - 7.0 (10% Solution)
Optical Rotation	$[a]_{D^{20}} = +150 \pm 2^\circ$ (2% Solution)
Loss on Drying	$\leq 7\%$
Ash	$\leq 2\%$
Storage	Store at RT

For Laboratory Use Only