

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	29889
<b>Product</b>	<b>Dextran powder, <math>M_w \sim 40000</math></b>
<b>CAS Number</b>	9004-54-0
<b>Molecular Formula</b>	$(C_6H_{10}O_5)_n$

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<b>Appearance</b>	White to slightly off-white powder
<b>Solubility</b>	Soluble in cold water (1% Solution) Color of 10% solution: NMT 0.20 OD Units at 375nm.
<b>Viscosity</b>	0.16 - 0.20 (37 °C in 1% Solution)
<b>pH</b>	4.5 - 7.0 (10% Solution)
<b>Optical Rotation</b>	$[\alpha]_D^{20} = +195^\circ$ to $+203^\circ$ (2% Solution)
<b>Loss on Drying</b>	$\leq 7\%$
<b>Ash</b>	$\leq 2\%$
<b>Storage</b>	Store at RT

**For Laboratory Use Only**