

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	29886
<b>Product</b>	<b>Dextran powder, <math>M_w \sim 2,500</math></b>
<b>Lot Number</b>	001934-4972
<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: 0.03 OD Units at 375nm.
<b>Viscosity</b>	0.044 (1% Solution at 37 °C)
<b>pH</b>	5.0 (10% Solution)
<b>Optical Rotation</b>	$[\alpha]_D^{20} = +168^\circ$ (2% Solution)
<b>Loss on Drying</b>	3.0%
<b>Ash</b>	0.1%
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager