

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	29889
<b>Product</b>	<b>Dextran powder, <math>M_w \sim 40,000</math></b>
<b>Lot Number</b>	002790-17006
<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>Color (APHA)</b>	0.003 (1% solution, O.D at 510nm)
<b>Solubility</b>	Soluble in cold water Color of 10% solution, 1-cm at 375nm: 0.116 OD Units
<b>Viscosity</b>	0.193 (37 °C in 1% Solution)
<b>Heavy Metals</b>	< 8 ppm (as Lead)
<b>pH</b>	6.5 (1% Solution)
<b>Optical Rotation</b>	$[\alpha]_D^{20} = + 196.8^\circ$ (2% Solution)
<b>Loss on Drying</b>	5.8%
<b>Ash</b>	0.08%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Average molecular mass (MW): 35,457
<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