

## Product Data Sheet

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Product Name: Dextran (M.Wt:40000)

Cat. No.: GC38241

### Chemical Properties

Cas. No. 9004-54-0

SMILES [Dextran]

Formula M.Wt 40000

Solubility H<sub>2</sub>O : 100 mg/mL (2.50 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

# Dextran

### Background

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Dextran (Dextran 40) has an inhibitory effect on thrombocyte aggregation and coagulation factors and is used as a plasma volume expander.

[1]. Bark BP, et al. Infusion rate and plasma volume expansion of dextran and albumin in the septic guinea pig. Acta Anaesthesiol Scand. 2014 Jan;58(1):44-51.

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