



## Specification

### Dextran 70 EP

**Catalog Number:** DE1011  
**CAS Number:** 9004-54-0  
**Molecular Formula:**  $(C_6H_{10}O_5)_n$   
**Storage:** 2°C – 8°C  
**Retest Date:** Two years after date of manufacture

Test	Specification
Appearance	White powder
Molecular Weight	64,000 – 76,000
Identification FTIR Specific Rotation	To match reference spectra +195.0° to +210.0°
Solubility	Very soluble in water, very slightly in alcohol
Appearance of Solution	Clear & colorless
Acidity or Alkalinity	Reaction with phenolphthalein, NaOH & HCl
Moisture (LOD)	≤ 7.0%
Sulfated Ash	≤ 0.3%
Nitrogen	≤ 110ppm
Residual Solvents Ethanol Methanol Other	≤ 0.5% ≤ 0.05% ≤ 0.5%
Heavy Metals	≤ 10ppm
Microbial Count	≤ 100cfu/g
Endotoxin	≤ 16IU/g
Contamination	Negative

Approved by:

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