



Certificate of Analysis

Dextran 70 EP

Catalog Number: DE1011
Lot Number: 0315901
CAS Number: 9004-54-0
Molecular Formula: $(C_6H_{10}O_5)_n$
Storage: 2°C – 8°C
Date of Manufacture: December 1, 2018
Retest Date: November 30, 2020

Test	Specification	Result
Appearance	White powder	Conforms
Molecular Weight	64,000 – 76,000	65,100
Identification FTIR Specific Rotation	To match reference spectra +195.0° to +210.0°	Conforms +199.0°
Solubility	Very soluble in water, very slightly in alcohol	Conforms
Appearance of Solution	Clear & colorless	Conforms
Acidity or Alkalinity	Reaction with phenolphthalein, NaOH & HCl	Conforms
Moisture (LOD)	≤ 7.0%	5.2%
Sulfated Ash	≤ 0.3%	0.1%
Nitrogen	≤ 110ppm	< 110ppm
Residual Solvents Ethanol Methanol Other	≤ 0.5% ≤ 0.05% ≤ 0.5%	0.01% Not detected < 0.5%
Heavy Metals	≤ 10ppm	< 10ppm
Microbial Count	≤ 100cfu/g	< 10cfu/g
Endotoxin	≤ 16IU/g	< 16IU/g
Contamination	Negative	Negative
This lot meets the specifications for EP9.0.		

Approved by:

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Date: March 15, 2019