

**ACROSS BIOTECH**

MAKE A DIFFERENCE

Certificate of Analysis

Product name	DEXTRAN	Specification:	70000 Da
Package:	25kg/drum	Quantity:	100kg
MFG Date:	2026/02/07	EXP Date:	2028/02/06
Batch No.:	106-20260201	Standard	EP10.0

Items	Standards	Results
Appearance	A white or almost white powder Very soluble in water, very slightly soluble in ethanol (96 percent)	Conform Conform
Identification:		
Specific optical reaction	+195° -201°	+197°
Infrared absorption	Should applies	Conform
Molecular-mass distribution	Should applies	Conform
Appearance of solution	Clear and colorless	Conform
Acidity or alkalinity	Should applies	Conform
Nitrogen	≤0.011%	<0.011%
Loss on drying	≤7.0%	4.0%
Residual solvent		
Ethanol	≤0.5%	<0.5%
Methanol	≤0.05%	<0.05%
Other solvents	≤0.5% (calculated as propanol)	<0.5%
Molecular-mass distribution	MW: 64000-76000 M10: ≤185000 M90: ≥15000	68301 176235 18440
Sulphated ash	≤0.3%	0.04%
Bacterial endotoxins	<16IU/g	<16IU/g
Microbial contamination	TAMC≤100CFU/g	<10IU/g
Conclusion:	Conform to EP10.0	

