

Certificate of Analysis

Product Name	Dextran Sulfate	
CAS.	9011-18-1	
Cat Number	D8320	
Lot Number	2550317003	
Molecular Formula	(C ₆ H ₇ Na ₃ O ₁₄ S ₃) _n	
Molecular Wt	Average 500000	
Storage	RT	
Test	Specification	Result
Identify	Add 0.05 ml dextran sulfate 5 (3 in 50) drop by drop to 10 ml toluidine blue solution (1 in 100000): the color of the solution changes from blue to red purple.	Qualified
Appearance	White to yellow fine powder	Qualified
Assay	≥98%	98%
Solubility (10mg/ml, H ₂ O)	Colorless to light yellow transparent solution	Qualified
pH (10%, H ₂ O, 25℃)	5.5-7.5	7.0
Test Date	18 Mar 2025	
Recommended Retest Period	2 Years	
The results meet the quality requirements		
QC Checker	Gao Min	QC Manager



