

Certificate of Analysis

Date of Testing: 2024-06-13 14:50:36

Date of Next Testing: 2026-06-03 14:50:36

Product Name: **DEAE-Dextran**

CAS Number: 9064-91-9

Specifications & Purity: Mw,500000,Pharmaceutical Quality

Lot #: F2404284

SKU #: **D401042**

Version: **2**

Analysis #: **361325**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Absorbance 375nm (6% solution,4cm)	0-0.1	0.10
Specific Rotation $[\alpha]_{20/D(6\% \text{ sol})}$ (after drying)	135-155 (°)	147.00000 °
Loss on Drying(105°C,5h)	0-7 (%)	2.00 %
Nitrogen content	2.5-4 (%)	2.80000 %
Degree of substitution	0.4-0.72	0.44
Specific Viscosity	0.5-1	0.50
Residue on Ignition	0-1 (%)	0.10000 %
Microbiological examination TAMC	0-100 (cfu/g)	1.00000 cfu/g
Microbiological examination TYMC	0-100 (cfu/g)	1.00000 cfu/g
Bacterial endotoxins	0-10 (IU/mg OR I.U./mg)	10.00 IU/mg OR I.U./mg
Appearance(D401042)	White or almost white powder	White or almost white powder
Appearance of solution(6% sol.)	Clear and colourless	pass
Infrared Absorption	Complies	complies



John Su
QA & QC Manager