

Item Number	D2450
Item	Dextran 40, Powder, USP
CAS Number	9004-54-0
Molecular Formula	
Molecular Weight	3.5001E+09
MDL Number	
Synonyms	Dextran 40,000

Test	Specification	
	Min	Max
APPEARANCE		
WEIGHT AVERAGE MOLECULAR WEIGHT	35,000	45,000
NUMBER AVERAGE MOLECULAR WEIGHT	16,000	30,000
SPECIFIC ROTATION	+195° to +203°	
SAFETY	NO DEATHS WITHIN 72 HOURS	
pH (1 IN 10)	4.5	7.0
COLOR OF SOLUTION		0.20
LOSS ON DRYING		7.0%
SULFATE		0.03%
ALCOHOL AND RELATED IMPURITIES		1.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	18	23 mL/g
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

***Spectrum Chemical Mfg Corp***

<b>Corporate Headquarters:</b>	<b>West Coast Facility:</b>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000