



Specification

1.16883.0000 Fractogel® EMD DEAE (M) weak anion exchanger, suspension in 20% ethanol and 150 mM NaCl (40-90 µm)

Specifications		
Appearance	Milky white suspension, free from coarse mechanical impurities	
Microscopic evaluation	Spherical particles, no agglomerates	
Extractable matter (water)	≤ 0.03	%
Ionic Capacity	70 - 110	µeq/ml
Functional test (b:a)	≤ 0.25	
Selectivity test (conalbumin)		mS/cm
Selectivity test (human serum albumin)		mS/cm
Protein binding capacity (bovine serum albumin)	65 - 105	mg/ml
Particle size (d10)	37 - 45	µm
Particle size (d50)	48 - 60	µm
Particle size (d90)	63 - 77	µm
Cerium	≤ 1	µg/g
Endotoxins	≤ 1	EU/ml
TAMC (total aerobic microbial count)	≤ 20	CFU/ml
TYMC (total yeast and mould count)	≤ 20	CFU/ml
Functional test: Separation of conalbumin and human serum albumin		

Dr. Vanessa Theis

Responsible laboratory manager quality control

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