G-10

G-10 is a gel filtration chromatography medium based on dextran; used for desalting and buffer exchange of peptides and small biomolecules. Its working principle is mainly to use the molecular sieve effect of a glucan gel with a network structure. The molecular weight of the separated material is different for separation. The glucan gel is a polymer compound having a three-dimensional network structure, which is formed by the cross-linking polymerization of dextran to a crosslinking agent through an ether bond.

G-10 indicates how much water per gram of gel is absorbed. Example G-10 indicates that 1.0ml of water per gram of dry gel is absorbed. This characterizes the multiple of the gel that can be expanded and indirectly characterizes the pore size of the gel.

Catalog No.	58005010
Size	100g / 500g
Product Category	Chromatography Media
Matrix	Cross-Linked Dextran
Particle Size	100-200 mesh
Flow Velocity	>50cm/h
Swelling Coefficient	2-3ml/g
pH Working Range	2-13
Autoclave	120°C, 30 min
Storage/Stability	2-8°C/5 years
Shipping	Ambient