Cellulose GCL-2000

Cat. No. Cellulose-002C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cellulose GCL-2000 offers competitive flow rate and resolving power for gel filtration chromatography. The semi-rigid spherical cellulose beads exhibit good flow rates with longer bed length, even with large diameter columns, while the high pore volume allowshigh capacity. Furthermore, GCL-2000 is chemically stable and can be run with many buffers and solutions.
Cat.no	Cellulose-002C
Form	suspension in 20 % EtOH
Average particle size	40 – 130 µm
Recommended flow rate	5 – 50 cm/h
Viscosity	Store unopened container at ambient temperature. Do not freeze.Short term storage for bulk and column (2 weeks or less) can be stored in DIW containing 0.02 % sodium azide, 20 % ethanol, or 0.1 M NaOH. Long term storage can be conducted under identical conditions at 2-8 °C. Do not freeze.
Chemical stability	Stable in: pH 1 – 14Ethanol, methanol, acetone, etc.6 M Urea; 6 M Guanidine/HCl; 0.1 M HCl; 0.5 M NaOH; Most salts (NaCl, (NH4)2SO4, etc.); Most detergents (SDS, Chap, etc.)
Physical stability	Media will withstand peristaltic pumping and extended magnetic stirring

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pH working range	1-14
Autoclavable	121°C at 1 bar for 20 minutes
Shelf life	5 years from date of manufacture

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