

## 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 allow high capacity. Furthermore, GCL-2000 is chemically stable and can be run with many buffers and solutions.

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**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 – 14 Ethanol, methanol, acetone, etc. 6 M Urea; 6 M Guanidine/HCl; 0.1 M HCl; 0.5 M NaOH; Most salts (NaCl, (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, etc.); Most detergents (SDS, Chap, etc.)

**Physical stability** Media will withstand peristaltic pumping and extended magnetic stirring

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

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