

Cellulose G-25

Cat. No. Cellulose-001C **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Cellulose G-25 provides a rapid means of salt removal and buffer exchange for protein solutions. The semi-rigid spherical cellulose beads allow high flow rates with little compression of the column bed. The separation mechanism is based on differential solute access into the chromatographic bead. G-25 can be used to remove alcohols, salts, detergents, fluorochromes, sugar, etc., from virtually any protein solution. It is compatible with most solvents and is stable from pH 1 - 14.

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Form suspension in 20 % EtOH

Matrix Crosslinked cellulose

**Molecular
Characterization** 3

Average particle size 40 – 130 µm

**Recommended flow
rate** 100–300 cm/h

Viscosity

Store unopened container at ambient temperature. Do not freeze. For storage of opened containers, it is recommended that they be kept in a cold room (2-8 °C). Do not freeze.

Chemical stability Stable in: pH 1–14 Ethanol, methanol, acetone, etc. 8 M Urea, 6 M Guanidine/HCl; 0.1

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	M HCl; 0.5 M NaOH; Most salts (NaCl, (NH ₄) ₂ SO ₄ , etc.) Most detergents (SDS, Chaps, etc.)
Physical stability	Media will withstand peristaltic pumping and extended magnetic stirring
pH working range	1-14
Autoclavable	Autoclavable at 121°C for 30 minutes
Shelf life	5 years from date of manufacture

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