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## CERTIFICATE OF ANALYSIS

Product **N-acetylgalactosamine Agarose**

Catalog No. AC-1005

Amount 10 ml of settled gel

Lot No. ZA0522

Matrix: Cross-linked, 4%, 90 $\mu$ -120 $\mu$  diameter agarose beads

Linkage: Randomly coupled through a proprietary 5-atom hydrophilic linker arm

Suspension Solution HBS, pH 7.5, 0.08% azide

Binding Capacity Binds 5-6 mg Soybean lectin per ml of gel

Storage Conditions Refrigerate - DO NOT FREEZE

### Typical Protocol for Binding and Elution

- 1) Wash with two column volumes of HBS, pH 7.5, or TBS, pH 7.5
- 2) Pass the solution to be fractionated over the column. (Note: if binding is poor at room temperature, equilibrate column and extract at 4 °C prior to the column pass.)
- 3) Wash the column with the equilibrating buffer at the temperature at which the pass was made until the OD<sub>280nm</sub> absorbance of the wash decreases to background.
- 4) Elute the bound protein with 200-500mM D-galactose in HBS, or TBS pH 7.5.

HBS: 10mM HEPES, 0.15M NaCl, pH 7.5

TBS: 10mM TRIS, 0.15 NaCl, pH 7.5