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ProductInformation

Hydroxyalkoxypropyl-Dextran

Product Number **H 6008**
Storage Temperature 2-8 °C

Product Description

This product is Lipophilic Sephadex® LH-20-100 (hydroxypropyl beaded dextran) which has been substituted with long chain (C_{11}-C_{14}) alkyl ethers.

The wet particle size and exclusion limit for the gel varies depending on the solvent used for swelling.

Information on the preparation, physical properties, and usage of this class of products was originally published in 1970.[2] The use of a similar resin (Product No. H 6383) for separating fatty acids and esters,[3] and for fractionation of triglyceride mixtures[4] has been described, as well as other applications.[5,6,7]

Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

Procedure

The following procedures can be used for cleaning of this resin.[2]

A. When it is not to be used immediately:
    1. Wash with several bed volumes of petroleum ether.
    2. Allow the column to dry thoroughly before re-use.

B. For immediate use:
    1. Wash with several bed volumes of petroleum ether.
    2. Wash with several bed volumes of acetone.
    3. Wash with several bed volumes of an acetone-water mix.

References

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3. Beijer, K. and Nystrom, E., Reversed-phase chromatography of fatty acids on hydrophobic Sephadex. Anal. Biochem., **48(1)**, 1-8 (1972).
4. Lindqvist, B., et al., Preparative fractionation of triglyceride mixtures according to acyl carbon number, using hydroxyalkoxypropyl Sephadex. J. Lipid Res., **15(1)**, 65-73 (1974).
5. Andersson, S. H. and J. Sjovall, A method combining solvent and gel extraction for isolation and preliminary purification of steroids in tissues. Anal Biochem., **134(2)**, 309-312 (1983).
6. Lund, E., et al., Determination of serum levels of unesterified lanosterol by isotope dilution-mass spectrometry. Scand. J. Clin. Lab. Invest., **50(7)**, 723-728 (1990).
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