

A unique tool for the rapid discovery of new effective separation phases

MIP Technologies offers the largest library of propriety separation phases available for screening.

Features and benefits

- Wide range of selectivities
- Different phase chemistries
- High throughput screening format
- Highly cross-linked phases
- High stability to pH, temperature and pressure



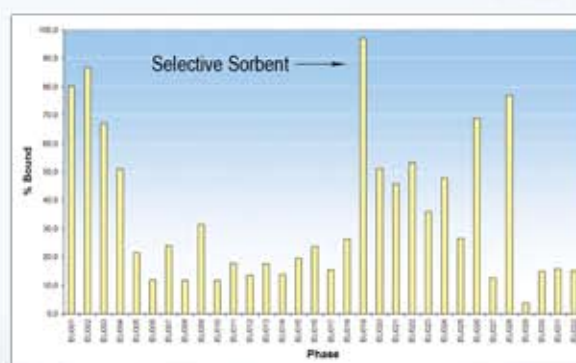
ExploraSep4Process

ExploraSep plates consist of proprietary separation phases having a wide range of functional characteristics, including molecularly imprinted polymer (MIP) phases complemented with a series of unique polymeric phases. The phases contain acidic, basic, neutral or 'special' functionalities in combination with hydrophilic or hydrophobic backbone properties. Screening allows rapid identification of selective separation candidates. The ExploraSep product is delivered together with discovery user guidelines. MIP Technologies specialist support is available at any stage of the screening. Data generated by screening is transferable to a preparative scale allowing straightforward process development.

Format and quantities

The ExploraSep4Process phases are packed in 96-well plates (40 mg/well). The materials are spherical with an average particle size of 50-65 μm . ExploraSep plates with different chemistries are available and delivered together with a data sheet and user guidelines. After screening, individual phases can be supplied in larger quantities and/or different particle sizes.

For information and ordering see www.miptechnologies.com/ExploraSep4Process.asp



Screening of Human Insulin on ExploraSep4Process. A selective phase candidate is identified (EU019).
Screening Conditions:
ExploraSep4Process Plate U (40mg)
Load: 20 μg in 25%Acetonitrile/
75% 10mM Phosphate buffer pH 7.5

MIP Technologies is a high-tech company and a world leader in selective separations. The company is active at the interface of material engineering and separation technologies. We develop selective molecularly imprinted polymers and other novel separation phases suitable for dedicated extractions and separation tasks.

a clean catch