



Excellent Retention and Reproducibility for Reliable Results

Agilent Bond Elut HLB

Compatible Across a Wide Range of Compounds

Delivers exceptional performance and versatility, making it ideal for a broad spectrum of compound applications.

High Recoveries with Excellent Reproducibility

The hydrophobic divinylbenzene head retains hydrophobic targets effectively, while the hydrophilic N-vinylpyrrolidone head efficiently retains polar targets – enabling precise and accurate extraction of target analytes.

Higher Capacity Than C18-bounded Silica Gel

Higher capacity for sample extraction maximizes analyte capture and provides superior cleanup efficiency.

Seamless Utilization Across the Entire pH Spectrum

Experience unmatched flexibility and convenience with solvent compatibility from pH 1 to 14.

Effective Solid Phase Extraction for Diverse Applications

Agilent Bond Elut HLB (Hydrophilic-Lipophilic Balanced) is a highly capable and versatile solid phase extraction (SPE) sorbent formulated with monodisperse divinylbenzene and N-vinylpyrrolidone copolymer based on specific ratio. This advanced sorbent offers exceptional retention capabilities for a wide range of compounds, including polar, intermediate polar, and non-polar compounds, as well as acidic, neutral, and basic compounds. Agilent Bond Elut HLB can be used for various sample testing applications, including environmental, biological, and food. Its unique composition delivers the optimal recovery rates and reproducibility needed to enhance SPE processes and achieve elevated levels of efficiency and precision.

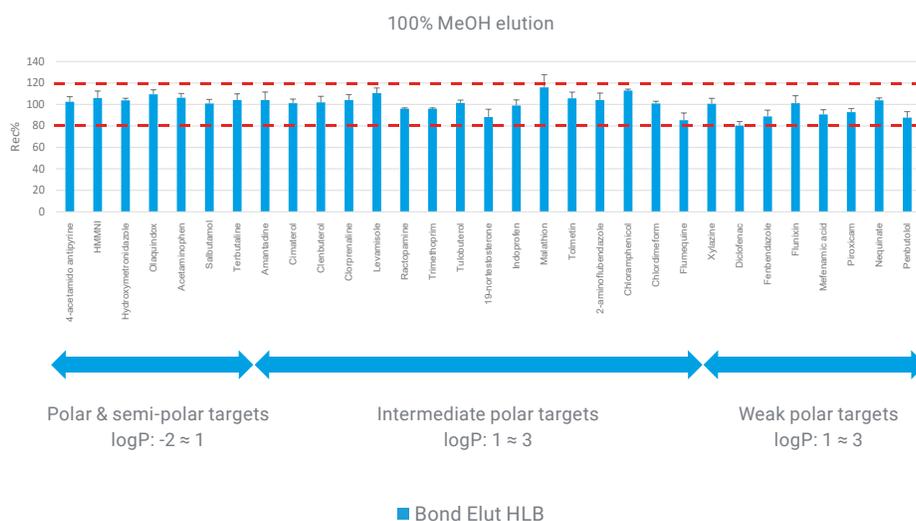


Figure 1. Bond Elut HLB demonstrates good recovery for a panel of targets from polar to non-polar targets with MeOH elution. For some non-polar targets, stronger solvents such as 1:1 MeOH/ACN, ACN, acetone, and ethyl acetate can be useful to improve the recovery.

Need more flexibility in your HLB consumables ?

Available in multiple formats, Bond Elut HLB SPE cartridges give you method flexibility and high quality results without compromise.

Ordering Information

Part Number	Description	Unit
5610-2144	Bond Elut HLB, 30 mg, 1 mL tube	100 Pack
5610-2145	Bond Elut HLB, 60 mg, 3 mL tube	50 Pack
5610-2146	Bond Elut HLB, 200 mg, 6 mL tube	30 Pack
5610-2147	Bond Elut HLB, 500 mg, 6 mL, tube	30 Pack
5610-2156	Bond Elut HLB, 30 mg, 1 mL 96 well plate	1 Pack

Positive Pressure Manifold 48
Processor (PPM-48)

www.agilent.com/chem/ppm-48

Vac Elut SPS 24 Manifold

www.agilent.com/chem/vac-elut

Sample Preparation eSelector Tools

www.agilent.com/chem/sample-prep-selector-tools

DE11981143

This information is subject to change without notice.

© Agilent Technologies, Inc. 2023
Published in the USA, June 30, 2023
5994-6429EN



Related Sample Processing Devices & Accessories

Positive Pressure Manifold 48 Processor (PPM-48)

The PPM-48's unique restricted flow ports ensure consistent reproducibility by creating steady gas flow through every channel, even when channels are not being used.

Vac Elut SPS 24 Manifold

The Vac Elut SPS 24 manifold allows you to process up to 24 SPE cartridges simultaneously and features glass sides that allow easy viewing of the entire sample collection. It is made from durable, solvent-resistant materials.