

MICROLUTE® CP - HLB

PROTOCOL

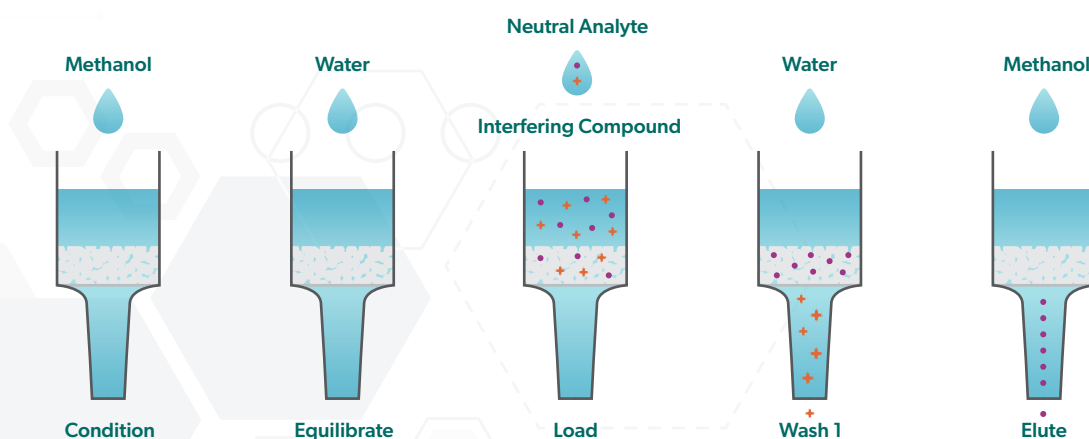
Example Method for the Extraction of Neutral Compounds

Microlute® CP HLB (hydrophilic-lipophilic balance) is a polymer-based phase that is effective for the retention of a wide range of compounds through both hydrophilic and hydrophobic interactions. It is an ideal starting phase for many applications or where there are a wide range of compounds present.

	Solvent	10 mg Volume	2 mg Volume
1 Condition	MeOH	500 µL	200 µL
2 Equilibrate	H ₂ O	500 µL	200 µL
3 Load	Diluted with H ₂ O	500 µL*	100 µL*
4 Wash	H ₂ O	500 µL	200 µL
5 Elute	MeOH	500 µL	2x 50 µL
6 Analyse	Dilute eluent, directly inject or evaporate eluent and reconstitute in a more suitable solution for analysis.		

This method is an ideal starting point for several applications and for samples containing a wide range of components. Method development may be required to obtain optimal recovery and reproducibility.

*The wells can hold up to 1 mL for the 2 mg product and 1.5 mL for the 10 mg product. However, the actual volume of the sample that can be loaded is determined by its concentration and how much it has been diluted.



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