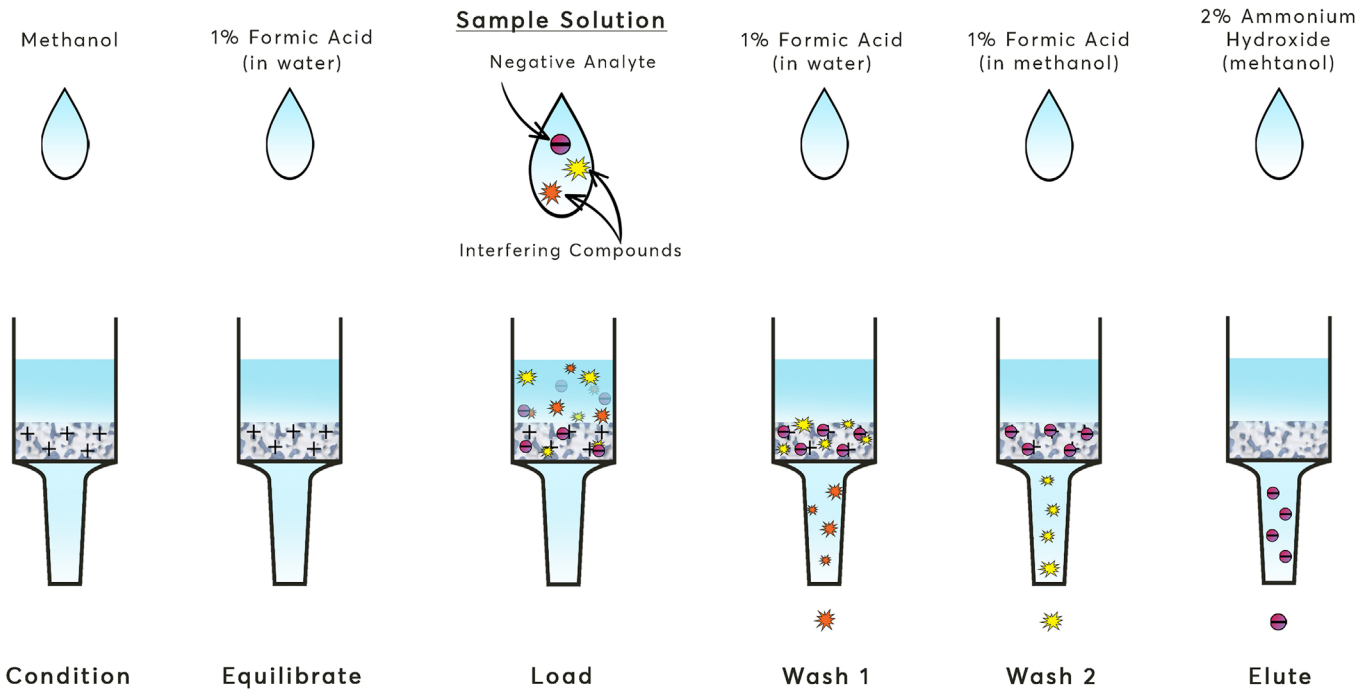
Microlute™ CP - WAX

Protocol: Example Method for the Extraction of Strong Acids

Microlute™ CP weak anion exchange (WAX) uses a tertiary amine ligand on the polymer base with a pKa of ~ 8.5. This is ideal for the retention of strong acidic compounds unable to be neutralised through pH changes. As with all Microlute™ CP products, the polymeric base offers a secondary retention of neutral compounds.

1.	Condition	Add 1 mL of methanol
2.	Equilibrate	1 mL of 1% formic acid in water
3.	Load	1 mL of sample diluted with 1% formic acid in water
4.	Wash 1	1 mL of 1% formic acid in water
5.	Wash 2	1 mL of 1% formic acid in methanol
6.	Elute	1 mL of 2% ammonium hydroxide in methanol
7.	Analyse	Dilute eluent, directly inject or evaporate eluent and reconstitute in a more suitable composition for analysis.

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



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