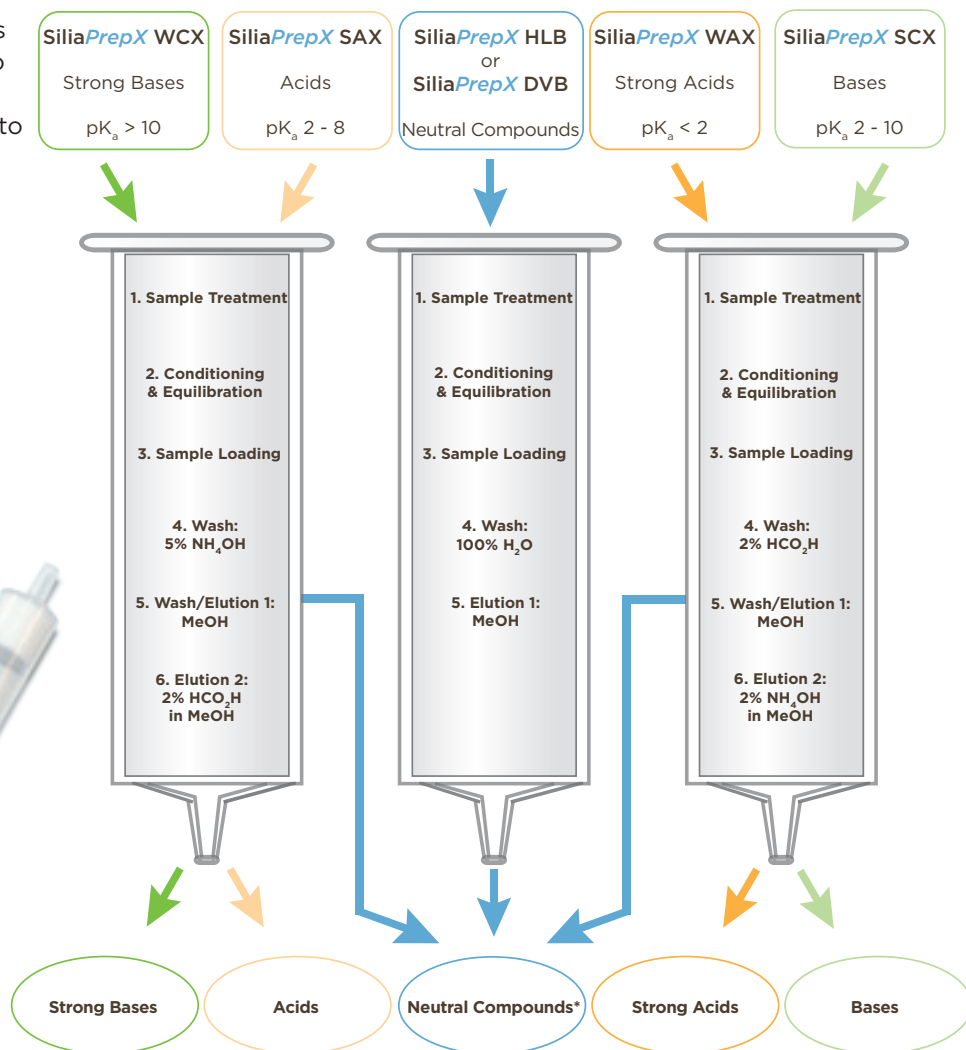




## Determination of the Optimal SilicaPrepX Polymeric Phase by a Simple & Logical Method

Follow the simple and logical steps outlined in the flow chart beside to determine the optimal SilicaPrepX polymeric phase to use, as well as to achieve high recovery and clean extract.

- Determine the classification of the analyte (*neutral, acidic or basic compound*)
- Determine the  $pK_a$  of the analyte
- Select the SilicaPrepX phase
- Apply the indicated treatment
- Determine recovery by LC analysis



\*Polar compounds such as organic acids and bases can also be eluted after the Wash/Elution 1.

## Product Selection Guide by Manufacturer

Product Selection Guide by Manufacturers

SiliCycle®	Waters®	Phenomenex®	Agilent®	Supelco®	Macherey-Nagel®
SilicaPrepX HLB	Oasis® HLB	Strata™-X	Plexa® or Nexus®	Supel™ Select HLB	Chromabond® HR-X
SilicaPrepX DVB	Oasis® HLB	Strata™-XL	Plexa® or SimpliQ® PS-DVB	Supel™ Select HLB	Chromabond® HR-X
SilicaPrepX SCX	Oasis® MCX	Strata™-X-C	Plexa® PCX or SimpliQ® SCX	Supel™ Select SCX	Chromabond® HR-XC
SilicaPrepX SAX	Oasis® MAX	Strata™-X-A	Plexa® PAX or SimpliQ® SAX	Supel™ Select SAX	Chromabond® HR-XA
SilicaPrepX WCX	Oasis® WCX	Strata™-X-CW	Nexus® WCX or SimpliQ® WCX	n/a	Chromabond® HR-XCW
SilicaPrepX WAX	Oasis® WAX	Strata™-X-AW	SimpliQ® WAX	n/a	Chromabond® HR-XAW