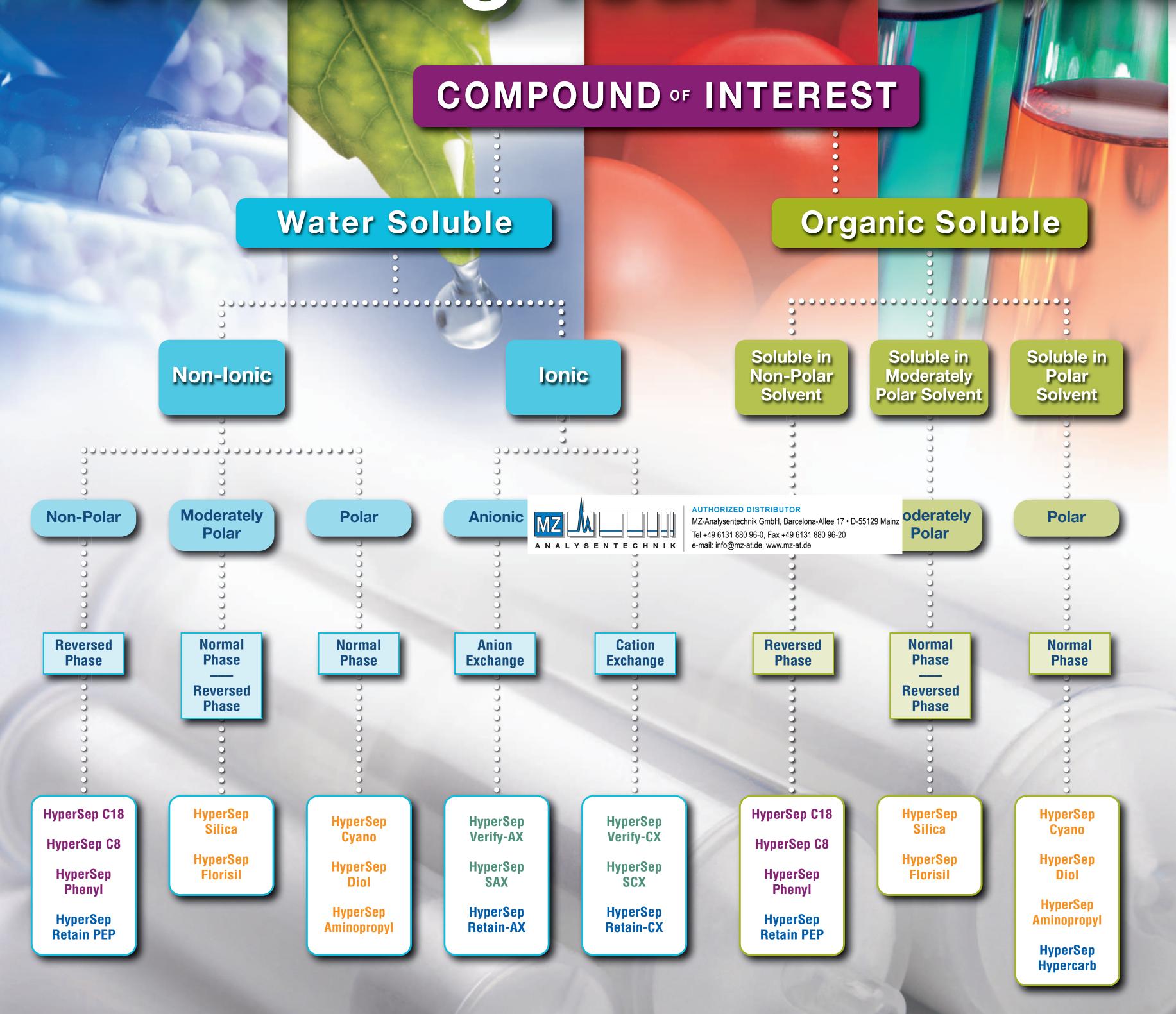
Choosing Your SPE Solution



HyperSep SPE Phases

Polymerics

HyperSep Retain PEP Polystyrene divinylbenzene material surface modified with urea groups

Applications include:

Drugs and metabolites in biological matrices

- Environmental samples
- Desalting of peptides in serum, plasma or biological fluids

HyperSep Retain-CX

Versatile polymeric material for retention of basic compounds Typical application areas include the analysis of:

• Drugs of abuse from biological

HyperSep Retain-AX

Versatile polymeric material for retention of acidic compounds Application areas include the analysis of a:

 Acidic drugs of abuse from biological matrices (THC and its metabolites)

HyperSep Hypercarb

Unique material for retention of highly polar compounds Applications Include:

 Retention and separation of highly polar species, Ideal for problem analytes in SPE applications

HyperSep Phenyl

Applications include:

Extraction of aromatic

compounds

Alternative selectivity for

retention of basic compounds

Benzodiazepines in biological

Reversed Phase Silica Phases

HyperSep C18

Highly retentive alkyl-bonded silica phase for non-polar to moderately polar compounds

Applications include:

- Drugs and their metabolites in biological matrices
- Trace organics in environmental water samples
- Toxins in food samples

HyperSep C8

Less retentive alternative to C18 for non-polar to

moderately polar compounds

- Drugs and their metabolites in biological matrices
- Trace organics in environmental water samples
- Toxins in food samples

Normal Phase Silica Phases

HyperSep Silica

A polar sorbent primarily used to retain analytes from non-polar matrices Application areas include

extraction of:

Aldehvdes
Amines

Carotenoids
Fat soluble vitamins
HyperSep Aminopropyl

Phospholipids

HyperSep Florisil

Ideal for the isolation of polar compounds from non-polar matrices • Drugs and drug metabolites

in transformer oil

Applications include extraction of:

Pesticides using AOAC and EPA methods, as well as Polychlorinated biphenyls (PCBs)

Applications include: Petroleum fractionation

Saccharides

HyperSep Cyano

from non-polar matrices

Annlication areas include

from hexane and oil

For retention of polar compounds

Retention of polar compounds

A polar sorbent for both polar

and anion exchange interactions

HyperSep Diol For extraction of polar compounds

Applications include: Normal phase extraction

Purification of polar compounds

Ion Exchange Phases

HyperSep SAX (Strong Anion Exchanger)

Strong anion exchange sorbent for extraction of weak acids

Application areas include extraction of: Removal of acidic food pigments

Removal of phenolic compounds Nucleic acids and surfactants

HyperSep SCX (Strong Cation Exchanger)

Strong cation exchange sorbent for extraction of charged basic

AntibioticsDrugs

Organic basesAmino acids Catecholamines Herbicides

Non-polar and anionic characteristics for improved analysis

HyperSep Verify-CX

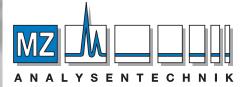
of basic drugs of abuse Application areas include Basic drugs of abuse from

biological matrices

HyperSep Verify-AX Non-polar and cationic characteristics for improved analysis of acidic drugs of abuse

Application areas include

 Acidic drugs of abuse from biological matrices (THC and its metabolites)



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