



CHROMABOND® Phase	Matrix	Modification / Application	Similar phases*	Page
Reversed phases				
HR-X	PS/DVB		ENVI-Chrom P · Strata™-X · Oasis® HLB · Nexus	23
Easy	PS/DVB	polar, bifunctional	Strata™-X · Oasis® HLB · Porapak™ RDX · Nexus, Bond Elut® PPL, Focus™ · Styre Screen® DVB Bakerbond™ H ₂ O-philic DVB · Isolute® ENV+	29
HR-P	PS/DVB		Strata™ SDB-L · Bond Elut® ENV, Bond Elut® LMS · DSC-PS/DVB, ENV PS-DVB · Bakerbond™ H ₂ O-phobic DVB · Isolute® 101 · LiChrolut® EN	30
PS-RP	PS/DVB	removal of organic components	like HR-P	31
C ₁₈ ec	silica	octadecyl, endcapped	Strata™ C18-E · Sep-Pak® tC18 · Bond Elut® C18 · DSC-18(Lt), ENVI-18, LC-18 · CLEAN-UP® C18, Bakerbond® Octadecyl · Isolute® C18(EC), LiChrolut® RP-18 E	32
C ₁₈ ec f	silica	as above, fast flow		32
C ₁₈	silica	octadecyl, not endcapped	Strata™ C18-U · AccuBond® C18 · Bakerbond™ PolarPlus · Isolute® C18 · LiChrolut® RP-18	33
C ₁₈ f	silica	as above, fast flow		33
C ₁₈ Hydra	silica	octadecyl, not endcapped, for polar analytes		34
C ₈	silica	octyl	Strata™ C8 · Sep-Pak® C8 · Bond Elut® C8 · DSC-8, ENVI-8, LC-8 · CLEAN-UP® C8 · AccuBond® C8 · Bakerbond™ Octyl · Isolute® C8(EC)	35
C ₄	silica	butyl		36
C ₂	silica	dimethyl	Bond Elut® C2	36
C ₆ H ₁₁ ec	silica	cyclohexyl, endcapped	Bond Elut® CH	37
C ₆ H ₅	silica	phenyl	Strata™ PH · Bond Elut® PH · DSC-Ph · CLEAN-UP® Phenyl · AccuBond® Phenyl · Bakerbond™ Phenyl · Isolute PH(EC)	38
Normal phases				
SiOH	silica	unmodified	Strata™ Si-1 · Bond Elut® silica · DSC-Si, LC-Si · CLEAN-UP® silica · AccuBond® silica, Bakerbond™ silica gel · Isolute® silica · LiChrolut® Si	39
NH ₂	silica	aminopropyl	Strata™ NH ₂ · Sep-Pak® NH ₂ · Bond Elut® NH ₂ · DSC-NH ₂ , LC-NH ₂ · CLEAN-UP® aminopropyl · AccuBond® NH ₂ · Bakerbond™ amino · Isolute® NH ₂ · LiChrolut® NH ₂	40
OH (Diol)	silica	diol	DSC-Diol, LC-Diol · AccuBond® Diol (OH)	41
CN	silica	cyano	Strata™ CN · Sep-Pak® CN · Bond Elut® CN-U · DSC-CN, LC-CN · CLEAN-UP® CN · AccuBond® CN · Bakerbond™ cyano · Isolute® CN · LiChrolut® CN	41
HILIC	silica	zwitterionic ammonium-sulfonic acid modification	ZIC® HILIC	42
Alox A	aluminum oxide	acidic	LC-Alumina-A · AccuBond® Aluminiumoxid A	43
Alox N	aluminum oxide	neutral	LC-Alumina-N · AccuBond® Aluminiumoxid N	43
Alox B	aluminum oxide	basic	LC-Alumina-B · AccuBond® Aluminiumoxid B	43
Florisil®	magnesium silicate		Strata™ FL-PR · Sep-Pak® Florisil® · Bond Elut® Florisil® · ENVI-Florisil® · LC-Florisil® · CLEAN-UP® Florisil® · AccuBond® Florisil® · Bakerbond™ Florisil® · Isolute® FL · LiChrolut® Florisil®	44
PA	polyamide 6		DPA-6S	44
Ion exchangers				
SA	silica	benzenesulfonic acid cation exchanger (SCX)	Strata™ SCX · Bond Elut® SCX · DSC-SCX, LC-SCX · CLEAN-UP® Benzenesulfonic Acid · AccuBond® SCX · Bakerbond™ Aromatic Sulfonic Acid · Isolute® SCX · LiChrolut® SCX	45
SB	silica	quaternary ammonium anion exchanger (SAX)	Strata™ SAX, Sep-Pak® SAX, Bond Elut® SAX · DSC-SAX, LC-SAX · CLEAN-UP® Quaternary Amine · AccuBond® SAX · Bakerbond™ Quaternary Amine · Isolute® SAX · LiChrolut® SAX	46
PCA	silica	propylcarboxylic acid cation exchanger (WCX)	Strata™ WCX · Bond Elut® CBA · DSC-WCX, LC-WCX · CLEAN-UP® Carboxylic Acid · Bakerbond™ Carboxylic Acid · Isolute® CBA	47
PSA**	silica	propylsulfonic acid cation exchanger	Isolute® SCX-2 · Bond Elut® PRS	47



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HR-XC	PS/DVB	strong mixed mode cation exchanger for basic analytes (MCX)	Oasis® MCX · Strata™-X-C · HyperSep™ Retain™-CX · Styre Screen® DBX	25
HR-XA	PS/DVB	strong mixed mode anion exchanger for acidic analytes (MAX)	Oasis® MAX · Strata™-X-A · HyperSep™ Retain™-AX · Styre Screen® QAX	26
HR-XCW	PS/DVB	weak mixed mode cation exchanger for basic analytes (WCX)	Oasis® WCX · Strata™-X-CW	27
HR-XAW	PS/DVB	weak mixed mode anion exchanger for acidic analytes (WAX)	Oasis® WAX · Strata™-X-AW	28
PS-OH ⁻	PS/DVB	strong anion exchanger in OH ⁻ form		31
PS-H ⁺	PS/DVB	strong cation exchanger in H ⁺ form		31
PS-Mix	PS/DVB	mixture of PS-OH ⁻ and PS-H ⁺		31
PS-Ag ⁺	PS/DVB	strong cation exchanger in Ag ⁺ form		31
PS-Ba ²⁺	PS/DVB	strong cation exchanger in Ba ²⁺ form		31
Phases for special applications				
Drug	silica	bifunctional C ₈ /SA, for enrichment of drugs from urine	Strata™ Screen-C · Bond Elut® Certify I · DSC-MCAX · Clean Screen® DAU · AccuBond® Evidex · Bakerbond™ Narc-2 · Isolute® HCX · LiChrolut® TSC · HyperSep™ Verify CX	48
Drug II	silica	bifunctional C ₈ /SB, for extraction of THC and derivatives and of acidic analytes from biological fluids	Strata™ Screen-A · Bond Elut® Certify II · Clean Screen® THC · Bakerbond™ Narc-1 · Isolute® HAX · HyperSep™ Verify AX	49
Tetracycline	silica	special octadecyl phase, for enrichment of tetracyclines		50
HR-P-AOX	PS/DVB	for extraction of AOX from water (DIN 38409 – H22)		51
C ₁₈ PAH	silica	special octadecyl phase, for enrichment of PAHs from water	Bakerbond™ Octadecyl Lightload	51
NH ₂ /C ₁₈	silica	combination phase for enrichment of PAHs from water		52
CN/SiOH	silica	combination phase for enrichment of PAHs from soil		52
Na ₂ SO ₄ /Florisil®		combination phase for extraction of hydrocarbons from water (DIN H-53 / ISO DIS 9377-4)		53
NAN	silica / AgNO ₃ + Na ₂ SO ₄	combination phase for enrichment of PCBs from sludge		54
SA/SiOH	silica	combination phase for enrichment of PCBs from waste oil	Bakerbond™ PCB-N	55
SiOH-H ₂ SO ₄ /SA	silica	combination phase, used together with SiOH for enrichment of PCB from oil		56
QuEChERS / Diamino	silica	primary and secondary amine functions (PSA), for determination of pesticides in food samples (QuEChERS method)	Supelclean™ PSA · Bond Elut® PSA	57
ABC18	silica	octadecyl, with ion exchange functions, for acrylamide analysis	Isolute® M-M (multimode)	60
Carbon A	activated carbon	determination of acrylamide from water according to DIN 38413-6	Bakerbond™ Carbon · BEKOLut® Carbon SAC	60
PL		specially developed SPE phase for the preparation of bioanalytical samples	Ostro™ · Phree™ · HybridSPE®-Phospholipid	61
Dry	Na ₂ SO ₄	for drying organic samples		61
PTL/PTS	special membrane	phase separation		62
XTR	kieselguhr	liquid-liquid extraction	EXTrelut® · Chem Elut™ · Hydromatrix™ · Isolute® SLE +	63

* Phases which provide a similar selectivity based on chemical or physical properties (list not complete)

** For primary and secondary amine functions see QuEChERS / Diamino