

Chromatography Solutions

Avantor® Hichrom GC phases

Cross reference guide

Many more phases and formats available, email chromsupport@avantorsciences.com

AVANTOR® HICHROM GC PHASES	AGILENT / VARIAN	ALLTECH	MACHERY-NAGEL	PHENOMENEX	QUADREX	RESTEK	SGE	SUPELCO	USP METHOD CLASSIFICATION
HI-1	DB-1, HP-1, CP-Sil 5 CB	AT-1(+), EC-1(+)	OPTIMA-1	ZB-1	007-1	Rtx-1	BP1	SPB-1, Equity-1	G1, G2, G9
HI-5	DB-5, HP-5, CP-Sil 8 CB	AT-5(+), EC-5(+)	OPTIMA-5	ZB-5	007-5	Rtx-5	BP5	SPB-5, Equity-5	G27, G36
HI-1701	DB-1701, HP-1701, DB-1701P, CP-Sil 19 CB	AT-1701(+)	OPTIMA-1701	ZB-1701	007-1701	Rtx-1701	BP10	SPB-1701, Equity-1701	G46
HI-17	DB-17, HP-17, DB-608, CP-Sil 24 CB	AT-50(+)	OPTIMA-17	ZB-50	007-17	Rtx-50	BPX50	SPB-50	G3
HI-624	DB-624, HP-624	AT-624(+)	OPTIMA-1301, OPTIMA-624	ZB-624	007-624, 007-1301	Rtx-1301, Rtx-624	BP624	SPB-624	G43
HI-WAX	DB-Wax, HP-Wax, CP Wax 52 CB	AT-Wax(+), EC-Wax(+)	OPTIMA-WAX	ZB-Wax	007-CW	Rtx-Wax	BP20	-	G14, G15, G16
HI-ACID (FFAP)	DB-FFAP	AT-1000(+), EC-1000(+)	-	ZB-FFAP	007-FFAP	Stabilwax-DA	BP21	Nukol	G14, G15, G16, G25, G35, G39
HI-1 MS	DB-1 ms (UI), HP-1 ms, VF-1 ms	AT-1 ms(+)	OPTIMA-1 MS (accent)	ZB-1 ms	007-1 ms	Rxi-1 MS	BP1	Equity-1	G1, G2, G9, G38
HI-5 MS	DB-5 ms (UI), HP-5 ms	AT-5 ms(+)	OPTIMA-5 MS (accent)	ZB-5 ms	007-5 ms	Rtx-5 MS, Rxi-5 MS	BPX5	Equity-5	G27, G36, G41
HI-5 MS Xil	DB-5 ms (UI), VF-5 ms	-	OPTIMA-5 MS (accent)	ZB-5 ms	-	Rxi-5 Sil MS	-	SLB-5 ms	G27, G36, G41
HI-XMLB	DB-XLB	-	OPTIMA-XLB	ZB-XLB (HT)	-	Rtx-XLB	-	MDN-12	-
HI-35 MS	DB-35 ms (UI), VF-35 ms	-	OPTIMA-35 MS	-	007-35 ms	Rxi-35 Sil MS	BPX35	SPB-35	G28, G32, G42
HI-17 MS	DB-17 ms, VF-17 ms	-	OPTIMA-17 MS	-	-	Rxi-17 Sil MS	BPX50	-	G3
HI-624 MS	VF-1301 ms, VF-624 ms	-	OPTIMA-624 LB	-	-	Rxi-624 Sil MS	-	-	G43
HI-WAX MS	InnoWax, VF-Wax ms	AT-Wax ms(+)	-	ZB-Wax plus	-	Stabilwax MS	-	-	G14, G15, G16
HI-10	HP-88, CP-Sil 88	AT-Silar 10(+)	-	ZB-FAME	-	Rtx-2560	BPX70	SP-2560	G5, G8, G48
HI-200	DB-200, DB-210, VF-200 ms	AT-210(+)	OPTIMA-210	-	007-210	Rtx-200	-	-	G6
HI-225	DB-225, HP-225	AT-225(+)	OPTIMA-225	-	007-225	Rtx-225	BP225	SPB-225	G7, G19, G26
HI-35	DB-35, HP-35	AT-35(+)	-	ZB-35	007-11, 007-35	Rtx-35	-	SPB-35, SPB-608	G28, G32, G42
HI-50	DB-23, VF-23 ms	AT-Silar 90(+)	-	-	-	Rtx-2330	BPX70	SP-2330, SP2331, SP2380	G8
HI-FFAP EXT	DB-FFAP	AT-1000(+), EC-1000(+)	-	ZB-FFAP	007-FFAP	Stabilwax-DA	BP21	Nukol	G14, G15, G16, G25, G35, G39

This is a general phase-to-phase cross reference which holds for the vast majority of GC applications. It is possible that owing to differences in manufacturing process small differences in selectivity could occur.