



ASTM Methods: GC column information

Please note that the striked out part numbers are of packed columns and they are not available from Agilent Technologies. We provided the information on the corresponding packing material and request you to check with supelco or your packing column supplier regarding the packed columns.

Method	Column	Description	Sample
D1945	19095P-MS9	15 m x 0.53 mm x 50 um HP-MolSieve	Natural gas
	19095P-Q03	15 m x 0.53 mm x 40 um HP-PLOT Q	
D1946	19095P-MS9	15 m x 0.53 mm x 50 um HP-MolSieve	Reformed gas
	19095P-Q03	15 m x 0.53 mm x 40 um HP-PLOT Q	
D2163	19095P-K23	30 m x 0.53 mm x 15 um HP-Alumina/KCl	Liquefied petroleum (LP) gases and propene concentrates
	19095P-S23	30 m x 0.53 mm x 15 um HP-Alumina/S	
D2306	19091N-136	60 m x 0.25 mm x 0.25 um HP-Innowax	C8 aromatic hydrocarbons
D2360	19091N-116	60 m x 0.32 mm x 0.25 um HP-Innowax	Trace impurities in monocyclic aromatic hydrocarbons and total aromatic determination
D2426	19095Z-323	30 m x 0.53 mm x 1.5 um HP-1	Butadiene dimer and styrene in butadiene concentrates
D2427	19095P-K23	30 m x 0.53 mm x 15 um HP-Alumina/KCl	Determination of C2 through C5 hydrocarbons in gasoline
	19095P-S23	30 m x 0.53 mm x 15 um HP-Alumina/S	
D2504	19095P-MS0	30 m x 0.53 mm x 50 um HP-MolSieve	Noncondensable gases in C2 and lighter hydrocarbons
D2505	19095P-M25	50 m x 0.53 mm x 15 um HP-Alumina/M	Ethylene, other hydrocarbons, and carbon dioxide in high-purity ethylene
	19095Z-623	30 m x 0.53 mm x 5 um HP-1	

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D2593	19095P-S25	50 m x 0.53 mm x 15 um HP-Alumina/S	Butadiene purity and hydrocarbon impurities
D2597	19096A-030	30% SE-30 on Chromosorb PAW 80/100	Analysis of demethanized hydrocarbon liquid Analysis of demethanized hydrocarbon mixtures containing nitrogen and carbon dioxide
	19096A-002	30% SE-30 on Chromosorb PAW 80/100	
	19096A-010	Molecular Sieve 13X 45/60	
D2712	19095P-M25	50 m x 0.53 mm x 15 um HP-Alumina/M	Hydrocarbon traces in propylene concentrates
D2804	19095N-123 125-0212	30 m x 0.53 mm x 1.0 HP-Innowax 15 m x 0.53 mm x 1.0 um DB-210	Purity of methyl ethyl ketone
D2887	19095Z-121	10 m x 0.53 mm x 2.65 um HP-1	Boiling range distribution of petroleum
Extended	19095Z-020	5 m x 0.53 mm x 0.88 um HP-1	
D3054	19091Z-115	50 m x 0.32 mm x 0.5 um HP-1	Impurities in cyclohexane
D3257	19096A-012	25%Bis-(2-cyanoethyl)formamide on Chromosorb PAW*	Aromatics in mineral spirits
D3329	19095N-126	60 m x 0.53 mm x 1.0 um HP-Innowax	Purity of methyl isobutyl ketone
D3524	19091Z-021	10 m x 0.53 mm x 0.88 um HP-1	Diesel fuel diluent used in diesel engine oil
	19096A-003	10% OV-101 on Chromosorb WAW 80/100*	
D3525	19096A-002	10% Dixel 300 on Chromosorb WAW 80/100*	Gasoline diluent in used gasoline engine oils
D3710	19095Z-627	7.5 m x 0.53 mm x 5.0 um HP-1	Boiling range distribution of gasoline and gasoline fractions
D3760	19091N-116	60 m x 0.32 mm x 0.25 um HP-Innowax	Analysis of isopropylbenzene (Cumene)
	19091Z-416	60 m x 0.32 mm x 0.5 um HP-1	
D3797	19091N-216	60 m x 0.32 mm x 0.5 um HP-Innowax	Analysis of o-Xylene
D3798	19091N-216 19091N-116	60 m x 0.32 mm x 0.5 um HP-Innowax 60 m x 0.32 mm x 0.25 um HP-Innowax	Analysis of p-Xylene

D4367	19096A-003 19096A-015	10% SE-30 on Chromosorb WAW 80/100* 25% TCEP on Chromosorb PAW 80/100*	Benzene in hydrocarbon solvents
D4415	19091F-413	30 m x 0.32 mm x 0.25 um HP-FFAP	Determination of dimer in acrylic acid
D4424	19095P-S25	50 m x 0.53 mm x 15 um HP-Alumina/S	Butylene analysis
D4492	19091N-116	60 m x 0.32 mm x 0.25 um HP-Innowax	Analysis of benzene
D4735	19095F-123	30 m x 0.53 mm x 1.0 um HP-FFAP	Trace thiophene in refined benzene
D4815	19006B-050	Column Kit	MTBE, ETBE, TAME, DIPE, tert-amyl alcohol, C1-C4 alcohols in gasoline
D4864	19095J-321	15 m x 0.53 mm x 1.5 um HP-5	Traces of methanol in propylene
D5008	19095Z-621	10 m x 0.53 mm x 5 um HP-1	Ethyl methyl pentanol content and purity of 2-ethylhexanol
	19091N-113	30 m x 0.32 mm x 0.25 um HP-Innowax	
D5060	19091N-216	60 m x 0.32 mm x 0.5 um HP-Innowax	Impurities in high-purity ethylbenzene
D5134	19091S-001	50 m x 0.2 mm x 0.5 um HP-PONA	Impurities in high-purity ethylbenzene
D5135	19091N-216	60 m x 0.32 mm x 0.5 um HP-Innowax	Styrene analysis
D5274	19095P-S25	50 m x 0.53 mm x 15 um HP-Alumina/S	1,3-Butadiene analysis
D5307	19096A-020	10% UCW-982 on Chromosorb PAW 80/100*	Boiling range distribution of crude oil - simulated distillation of crude oil through 538 C
	19096A-024	3% OV-1 on Chromosorb WHP 80/100*	
	19096A-020	10% SE-30 on Chromosorb PAW 80/100*	
D5310	19091J-433 19091C-102	30 m x 0.25 mm x 0.25 um HP-5 25 m x 0.2 mm x 0.2 um HP-225	Tar acid composition
D5399	19095Z-420	10 m x 0.53 mm x 3.0 HP-1	Boiling point distribution of hydrocarbon solvents

D5441	19091Z-530	100 m x 0.25 mm x 0.5 um HP-1	Analysis of Methyl T-Butyl Ether (MTBE)
	19091S-001	50 m X 0.2 mm X 0.5 um HP-PONA	
D5442	19091Z-433	30 m X 0.25 mm X 0.25 um HP-1	Analysis of petroleum waxes
	19091J-431	15 m x 0.25 mm x 0.25 um HP-5	
D5480	19095Z-626	60 m x 0.53 mm x 5 um HP-1	Engine oil volatility by GC
D5501	19091Z-530	100 m x 0.25 mm x 0.5 um HP-1	Ethanol content of denatured fuel ethanol
D5580	1906B-050	Column kit	Aromatics in gasoline
D5599	19091Z-236	60 m x 0.25 mm x 1.0 um HP-1	Oxygenates in gasoline by GC and oxygen selective flame ionization detector
D5623	19091Z-613	30 m x 0.32 mm x 4.0 um HP-1	Sulfur compounds in light petroleum liquids by GC and sulfur selective detection
D5713	19091S-001	50 m x 0.2 mm x 0.5 um HP-PONA	Analysis of high-purity benzene for cyclohexane feedstock by capillary GC
D5769	19091Z-236	60 m x 0.25 mm x 1.0 um HP-1	Determination of benzene, toluene and total aromatics in finished gasoline by GC/MS
	19091Z-716	60 m x 0.32 mm x 5.0 um HP-1	
D5917	19091N-116	60 m x 0.32 mm x 0.25 um HP-Innowax	Trace impurities in monocyclic aromatic hydrocarbons by GC and external calibration
D6144	19091Z-236	60 m x 0.25 mm x 1.0 um HP-1	alpha-Methylstyrene by capillary GC
D6159	19095P-M25	50 m x 0.53 mm x 15 um HP-Alumina/M	Hydrocarbon impurities in ethylene
	19095Z-623	30 m x 0.53 mm x 5.0 um HP-1	

