

USP 美國藥典之 GC 分離管柱對照表

USP	Phase Composition	Quadrex / Agilent Phase Recommendation
G1	Dimethylpolysiloxane oil	007-1 / DB-1*
G2	Dimethylpolysiloxane gum	007-1 / DB-1*
G3	50 % Phenyl – 50% methylpolysiloxane	007-17 / DB-17*
G5	3-Cyanopropylpolysiloxane	007-23 / DB-23
G6	Trifluoropropylmethylpolysiloxane	007-210 / DB-200, DB-210
G7	50% 3-Cyanopropyl – 50% phenylmethylsilicone	007-225 / DB-225
G14	Polyethylene glycol (average molecular weight of 950 – 1,050)	007-CW / DB-WAX
G15	Polyethylene glycol (average molecular weight of 3,000 – 3,700)	007-CW / DB-WAX
G16	Polyethylene glycol (average molecular weight of 15,000)	007-CW / DB-WAX*
G17	75% Phenyl – 25% methylpolysiloxane	007-17 / DB-17
G19	25% Phenyl – 25% cyanopropylmethylsilicone	007-225 / DB-225*
G20	Polyethylene glycol (average molecular weight of 380 – 420)	007-CW / DB-WAX
G25	Polyethylene glycol TAP (Carbowax 20M terephthalic acid)	007-FFAP / DB-FFAP*
G27	5% Phenyl – 95% methylpolysiloxane	007-5, 007-5MS / DB-5*, DB-5ms
G28	25% Phenyl – 75% methylpolysiloxane	007-35 / DB-35, DB-35ms
G32	20% Phenylmethyl – 80% dimethylpolysiloxane	007-35 / DB-35, DB-35ms
G35	Polyethylene glycol & diepoxide esterified with nitroterephthalic acid	007-FFAP / DB-FFAP*
G36	1% Vinyl – 5% phenylmethylpolysiloxane	007-5, 007-5MS / DB-5, DB-5ms
G38	Phase G1 plus a tailing inhibitor	007-1 / DB-1
G39	Polyethylene glycol (average molecular weight of 1,500)	007-CW / DB-WAX
G41	Phenylmethyldimethylsilicone (10% phenyl substituted)	007-5, 007-5MS / DB-5, DB-5ms
G42	35% Phenyl – 65% dimethylvinylsiloxane	007-35 / DB-35, DB-35ms*
G43	6% Cyanopropylphenyl – 94% dimethylpolysiloxane	007-502, 007-624, 007-1301 / DB-624*, DB-1301
G46	14% cyanopropylphenyl - 86% methylpolysiloxane	007-1701 / DB-1701
G48	Hygly polar, partially cross-linked cyanopolysiloxane	007-23 / DB-Dioxin

* Indicates exact equivalent