USP-CODE

Correspondence Table for USP Designated Chromatographic Columns

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To assist you in your selection, the following table correlates the United States Pharmacopeia (USP) designations with our company's product offerings. Should you have any questions, please contact us for more information and assistance in selecting the most suitable column for your application.

L1 Octadecyl silane chemically bonded to porous or non-porous silica or ceramic microparticles, 1.5–10 µm in diameter, or a monolithic column.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil ODS2	Spherical	Yes	High-purity silica
Supersil ODS-B	Spherical	Yes	Suitable for basic compounds
Supersil AQ-C18	Spherical	Yes	Suitable for 100% aqueous mobile phases
SinoPak C18	Spherical	Yes	General separation, high efficiency
SinoPak BEH T-C18	Spherical	Yes	Hybrid silica, wide pH range tolerance
SinoPak BEH AQ-C18	Spherical	Yes	Hybrid silica, wide pH range, resistant to 100% aqueous conditions
SinoChrom ODS-AP	Spherical	Yes	General purpose
SinoChrom ODS-BP	Spherical	Yes	General purpose
Hypersil ODS	Spherical	Yes	Classic column
Hypersil ODS2	Spherical	Yes	Classic column
Hypersil BDS C18	Spherical	Yes	Suitable for basic compounds

L3 Porous silica microparticles, 1.5–10 µm in diameter, or a monolithic column.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil SiO_2	Spherical	–	High-purity porous silica (>99.999%)
SinoChrom SiO_2	Spherical	–	High-purity silica
SinoChrom Si60	Spherical	–	General purpose
Hypersil SiO_2	Spherical	–	General purpose

L7 Octyl silane chemically bonded to porous or superficially porous silica microparticles, 1.5–10 µm in diameter, or a monolithic column.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil C8	Spherical	Yes	High-purity porous silica (>99.999%)
SinoPak C8	Spherical	Yes	High-purity silica
SinoPak BEH C8	Spherical	Yes	Hybrid silica, wide pH range tolerance
SinoChrom C8	Spherical	Yes	High-purity silica
Hypersil C8	Spherical	Yes	Classic general purpose packing
Hypersil BDS C8	Spherical	Yes	Classic general purpose packing

L8 Aminopropyl silane chemically bonded to porous silica microparticles, 1.5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil NH_2	Spherical	Yes	Wide application range, suitable for NP/RP
Hypersil NH_2	Spherical	Yes	General purpose

L9 Strongly acidic cation exchange groups chemically bonded to totally porous spherical or irregular silica microparticles, 3–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil SCX	Spherical	-	High-purity silica

L10 Cyano groups chemically bonded to porous silica microparticles, 1.5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil CN	Spherical	Yes	High-purity porous silica (>99.999%)
Hypersil CN	Spherical	Yes	Classic general purpose packing
Hypersil BDS CN	Spherical	Yes	Suitable for basic compounds

L11 Phenyl groups chemically bonded to porous silica microparticles, 1.5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil Phenyl	Spherical	Yes	High-purity porous silica (>99.999%)
SinoPak Phenyl	Spherical	Yes	High-purity silica
SinoPak BEH Phenyl	Spherical	Yes	Hybrid silica, wide pH range tolerance
Hypersil BDS C_6H_5	Spherical	Yes	Classic general purpose packing
Hypersil C_6H_5	Spherical	Yes	Hypersil material, packed domestically

L13 Trimethylsilane chemically bonded to porous silica microparticles, 3–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Hypersil C1	Spherical	Yes	General purpose

L14 Strongly basic quaternary ammonium anion exchange groups chemically bonded to silica microparticles, 5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil SAX	Spherical	Yes	High-purity porous silica (>99.999%)
Hypersil SAX	Spherical	Yes	-

L17 Strongly acidic cation exchange resin (sulfonated cross-linked styrene-divinylbenzene copolymer in the hydrogen form), 6–12 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber Sugar H8	–	–	–

L19 Strongly acidic cation exchange resin (sulfonated cross-linked styrene-divinylbenzene copolymer in the calcium form), 9 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber Sugar Ca8	-	-	-

L20 Diol (dihydroxypropyl) groups chemically bonded to porous silica or hybrid microparticles, 1.5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil Diol	Spherical	-	120Å, wide application range

L21 Rigid, spherical styrene-divinylbenzene copolymer microparticles, 3–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber GPC Series	-	-	-
	-	-	-

L26 Butyl silane chemically bonded to porous silica microparticles, 1.5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil C4	Spherical	Yes	Pore size 120/300 Å available
SinoChrom C4	Spherical	Yes	Pore size 300 Å

L33 Spherical silica with good pH stability, capable of separating dextrans with molecular weights between 4000 and 500,000 Daltons.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber SEC Series	Spherical	-	-

L34 Strongly acidic cation exchange resin (sulfonated cross-linked styrene-divinylbenzene copolymer in the lead form), 7–9 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber Sugar Pb8	-	-	-

L43 Pentafluorophenyl groups chemically bonded to silica microparticles, 1.5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil PFP	Spherical	Yes	-

L58 Strongly acidic cation exchange resin (sulfonated cross-linked styrene-divinylbenzene copolymer in the sodium form), 6–30 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber Sugar Na8	-	-	-

L59 Spherical silica or hybrid packing with a hydrophilic coating, 1.5–10 µm in diameter, capable of separating proteins from 5 to 7000 kD by size-exclusion chromatography.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Amber SEC Series	Spherical	-	-

L62 C30 silane chemically bonded to totally porous spherical silica microparticles, 5–10 µm in diameter.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil C30	Spherical	-	-

L68 Spherical porous silica, not greater than 10 µm in diameter, the surface of which is covalently bonded to alkyl amide groups, without end-capping.

Stationary Phase Type	Particle Shape	End-capped	Characteristics
Supersil HILIC	Spherical	-	-
Supersil Amide	Spherical	-	-

About Elite
Suzhou Elite Science & Technology Co., Ltd.
701#, Building 10, LianDong U-Valley Industrial Park, No.179 Zhujiawan Street,
Gusu District, Suzhou City, Jiangsu Province , P.R. China.
Tel: 0411-84732368
E-mail:export@elitehplc.com
Web:http://www.elitehplc.com