RSolv®
LIFE SCIENCES

TECHNICAL SPECIFICATIONS

Phase	Particle size (µm)	Pore size (Å)	Surface area (m^2 /g)	Carbon load (%)	Endcapped	USP	pH Range
CAPELLA-60 Å							
C18	3, 5, 10	60	500	22.0	Yes	L1	3.0-8.5
C8	3, 5, 10	60	500	14.0	Yes	L7	3.0-8.5
C6	3, 5, 10	60	500	10.0	Yes	L15	2.0-8.0
C4	3, 5, 10	60	500	8.0	No	L26	2.0-8.0
Phenyl	3, 5, 10	60	500	16.0	Yes	L11	2.0-8.0
Biphenyl	5	60	500	10.0	Yes	L11	2.0-8.0
PFP	3, 5, 10	60	500	12.0	Yes	L43	3.0-8.5
CN	3, 5, 10	60	500	8.0	No	L10	2.0-8.0
AMINO	3, 5, 10	60	500	6.0	No	L8	2.0-8.0
DIOL	3, 5, 10	60	500	9.0	No	L20	2.0-8.0
DIOL-HL	5, 10	60	500	9.0	No	L20	2.0-8.0
Silica	3, 5, 10	60	500	N/A	Yes	L3	2.0-8.0
Phase	Particle size (µm)	Pore size (Å)	Surface area (m^2 /g)	Carbon load (%)	Endcapped	USP	pH Range
CAPELLA-100Å							
C18	3, 5, 10	100	325	19.0	Yes	L1	3.0-8.5
C8	3, 5, 10	100	325	11.0	Yes	L7	3.0-8.5
C6	3, 5, 10	100	325	8.0	Yes	L15	2.0-8.0
C4	3, 5, 10	100	325	6.0	No	L26	2.0-8.0
Phenyl	3, 5, 10	100	325	12.0	Yes	L11	3.0-8.5
PFP	3, 5, 10	100	325	9.0	Yes	L43	3.0-8.5
CN	3, 5, 10	100	325	6.0	No	L10	3.0-8.5
AMINO	3, 5, 10	100	325	4.0	No	L8	3.0-8.5
DIOL	3, 5, 10	100	325	4.0	No	L20	3.0-8.5
Silica	3, 5, 10	100	325	N/A	N/A	L3	3.0-8.5

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Phase	Particle size (µm)	Pore size (Å)	Surface area (m^2 /g)	Carbon load (%)	Endcapped	USP	pH Range
CAPELLA-300Å							
C18	5, 10	300	100	8.0	Yes	L1	3.0-8.5
C8	5, 10	300	100	5.0	Yes	L7	3.0-8.5
C6	5, 10	300	100	3.0	No	L26	3.0-8.5
C4	5, 10	300	100	5.0	Yes	L11	3.0-8.5
CN	5, 10	300	100	3.0	No	L10	3.0-8.5
AMINO	5, 10	300	100	3.0	No	L8	3.0-8.5
DIOL	5, 10	300	100	2.0	No	L20	3.0-8.5
Silica	5, 10	300	100	N/A	N/A	L3	3.0-8.5

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CAPELLA SPECIAL PHASES							
C3 - Propyl	3, 5, 10	200	200	19.0	No	L62	2.0-8.0
C12 with Adamantane (HTS)	3, 5, 10	60	500	13.0	Yes	-	3.0-8.5
Cyclohexyl (C6H12)	3, 5, 10	60	500	12.0	Yes	-	2.0-8.0
Fluorooctyl (C8H16F5)	3, 5, 10	100	325	8.0	Yes	-	3.0-8.5
Fluoropropyl (C3H6F5)	3, 5, 10	100	325	5.0	No	-	3.0-8.5

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SIRIUS PHASES (POLAR EMBEDDED AMIDE STATIONARY PHASE)							
C18	3, 5, 10	100	325	16.0	Yes	L1	3.0-8.5
C8	3, 5, 10	100	325	13.0	Yes	L7	3.0-8.5
Phenyl	3, 5, 10	100	325	12.0	Yes	L11	3.0-8.5

Phase	Particle size (µm)	Pore size (Å)	Surface area (m^2 /g)	Carbon load (%)	Endcapped	USP	pH Range
RIGEL PHASES (REPLACEMENT FOR WATERS µBONDAPAK APPLICATION)							
C18	5, 10	125	300	10.0	Yes	L1	3.0-8.5
Phenyl	10	125	300	8.0	Yes	L11	3.0-8.5
CN	10	125	300	6.0	No	L10	3.0-8.5
AMINO	10	125	300	4.0	No	L8	3.0-8.5
Silica	10	125	300	N/A	N/A	L3	3.0-8.5

Phase	Particle size (µm)	Pore size (Å)	Surface area (m^2 /g)	Carbon load (%)	Endcapped	USP	pH Range
DENEB CORE (SUPERFICIALLY POROUS SILICA)							
Core-C18	2.7, 5	100	325	9.0	Yes	L1	3.0-8.5
Core-C18-EX	2.7, 5	100	325	9.0	Yes	L1	3.0-8.5
Core-C8	2.7, 5	100	325	9.0	Yes	L1	3.0-8.5

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