



Quasar™ Liquid Chromatography Columns



Para análisis de alimentos, aguas o productos farmacéuticos, tenemos un nuevo producto para su desafío de separación el cual hará la diferencia. Nuestro portafolio de columnas de LC *Quasar* le permite lograr resultados reproducibles lote a lote con una solución integral y flexible que satisface las diversas necesidades de análisis.

Las columnas *Quasar* basadas en sílice ultrapura ofrecen una amplia gama de separación de productos químicos, junto con la tecnología de enlace optimizada y de vanguardia para brindarle versatilidad y solución analítica de alto rendimiento para sus muestras cada vez más complejas.

Para mayor flexibilidad, ofrecemos una amplia gama de tamaños de columna, incluidas columnas más cortas con tamaños de partículas más pequeños para tiempos de ejecución más cortos y mejor productividad. Al ser columnas escalables en dimensiones facilitan la transferencia de métodos entre HPLC y UHPLC. Los tamaños de partículas más pequeños permiten otorgar una sensibilidad mayor para la optimización de las aplicaciones. Cualquiera que sea su necesidad de separación, tenemos una columna para su análisis.

Con las columnas *Quasar*, ahora tiene las herramientas.



Quasar Phases Specifications

Phase	Particle Sizes (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load	End Capping	pH Stability	USP Code
Quasar C18	1.7, 3.0, 5.0	100	380	17%	Yes	1-10	L1
Quasar C8	1.7, 3.0, 5.0	100	380	13%	Yes	1-10	L7
Quasar AQ	1.7, 3.0, 5.0	100	380	18%	Polar End Capping	2-9	L1
Quasar HILIC	1.7, 3.0, 5.0	100	380	4%	Yes	2-8	L20
Quasar Biphenyl	1.7, 3.0, 5.0	100	380	13%	Yes	2-8	L11
Quasar CN	1.7, 3.0, 5.0	100	380	7%	Yes	2-9	L10
Quasar Silica	3.0, 5.0	100	380	-	No	2-8	L3

Quasar SPP Phases Specifications

Phase	Particle Sizes (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load	End Capping	pH Stability	USP Code
Quasar SPP C18	2.6, 5.0	80	140	10%	Yes	1-9	L1
Quasar SPP HILIC	2.6, 5.0	80	140	n/a	n/a	2-8	L20
Quasar SPP Biphenyl	2.6, 5.0	80	140	7%	Yes	2-9	L11
Quasar SPP RP Amide	2.6, 5.0	80	140	9%	Yes	2-9	L60
Quasar SPP PFP	2.6, 5.0	80	140	6%	Yes	2-9	L43

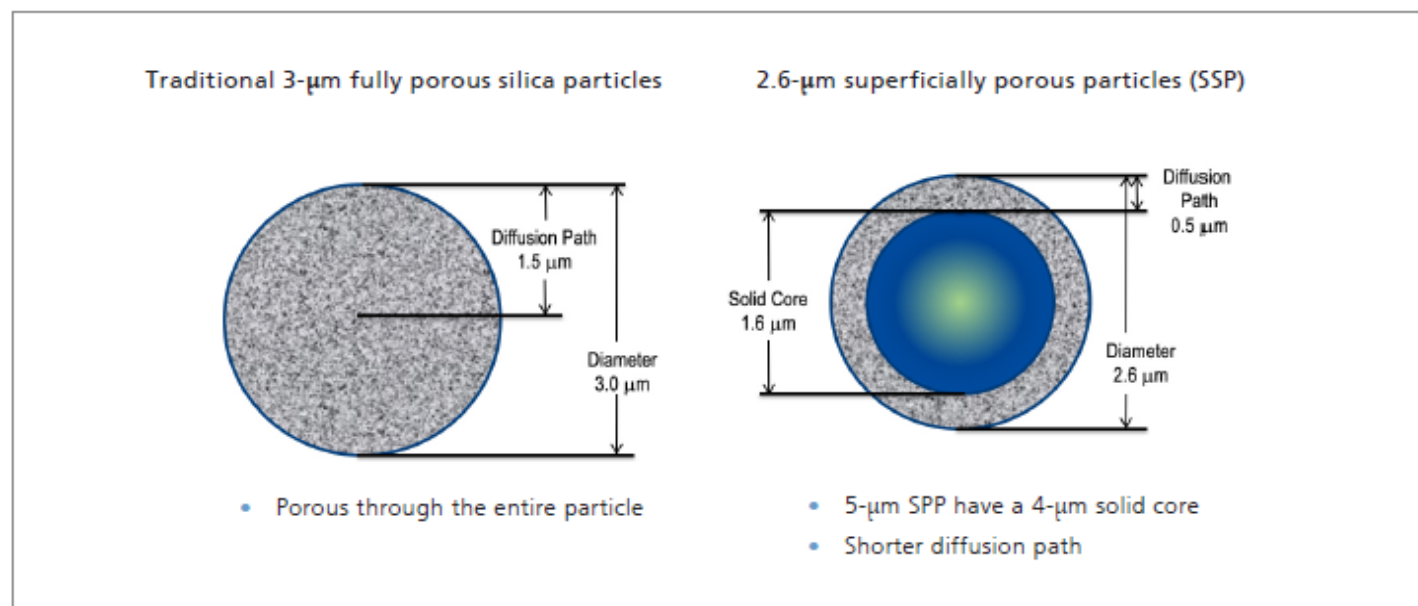


Figure 1. Quasar Particles: porous vs. SPP.

SEPARATION CHALLENGE ACCEPTED



Columnas y Pre-columnas Quasar C18

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar C18	300	3.9	5	N9308800
Quasar C18	250	4.6	5	N9308801
Quasar C18	150	4.6	5	N9308802
Quasar C18	100	4.6	5	N9308803
Quasar C18	50	4.6	5	N9308804
Quasar C18	150	4.6	3	N9308805
Quasar C18	100	4.6	3	N9308806
Quasar C18	50	4.6	3	N9308807
Quasar C18	150	3.0	3	N9308808
Quasar C18	100	3.0	3	N9308809
Quasar C18	50	3.0	3	N9308810
Quasar C18	150	2.1	3	N9308811
Quasar C18	100	2.1	3	N9308812
Quasar C18	50	2.1	3	N9308813
Quasar C18	100	4.6	1.7	N9308814
Quasar C18	50	4.6	1.7	N9308815
Quasar C18	100	3.0	1.7	N9308816
Quasar C18	50	3.0	1.7	N9308817
Quasar C18	100	2.1	1.7	N9308818
Quasar C18	50	2.1		
Quasar C18 Guard Cartridge (3/pack)	10	3	5	N9308980
Quasar C18 Guard Cartridge (3/pack)	10	3	3	N9308981
Quasar Guard Cartridge Holder	-	-	-	N9306876
Quasar C18 Method Validation Kit, 250x4.6mm (3 columns each from a different batch)	250	4.6	5	N9300940
Quasar C18 Method Validation Kit, 150x4.6mm (3 columns each from a different batch)	150	4.6	5	N9300941

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar AQ	250	4.6	5	N9308840
Quasar AQ	150	4.6	5	N9308841
Quasar AQ	100	4.6	5	N9308842
Quasar AQ	50	4.6	5	N9308843
Quasar AQ	150	4.6	3	N9308844
Quasar AQ	100	4.6	3	N9308845
Quasar AQ	50	4.6	3	N9308846
Quasar AQ	150	3.0	3	N9308847
Quasar AQ	100	3.0	3	N9308848
Quasar AQ	50	3.0	3	N9308849
Quasar AQ	150	2.1	3	N9308850
Quasar AQ	100	2.1	3	N9308851
Quasar AQ	50	2.1	3	N9308852
Quasar AQ	100	4.6	1.7	N9308853
Quasar AQ	50	4.6	1.7	N9308854
Quasar AQ	100	3.0	1.7	N9308855
Quasar AQ	50	3.0	1.7	N9308856
Quasar AQ	100	2.1	1.7	N9308857
Quasar AQ	50	2.1	1.7	N9308858
Quasar AQ Guard Cartridge (3/pack)	10	3	5	N9308986
Quasar AQ Guard Cartridge (3/pack)	10	3	3	N9308987
Quasar Guard Cartridge Holder	-	-	-	N9306876

Columnas y pre columnas Quasar HILIC y C8

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar C8	250	4.6	5	N9308879
Quasar C8	150	4.6	5	N9308880
Quasar C8	100	4.6	5	N9308881
Quasar C8	50	4.6	5	N9308882
Quasar C8	150	4.6	3	N9308883
Quasar C8	100	4.6	3	N9308884
Quasar C8	50	4.6	3	N9308885
Quasar C8	150	3.0	3	N9308886
Quasar C8	100	3.0	3	N9308887
Quasar C8	50	3.0	3	N9308888
Quasar C8	150	2.1	3	N9308889
Quasar C8	100	2.1	3	N9308890
Quasar C8	50	2.1	3	N9308891
Quasar C8	100	4.6	1.7	N9308892
Quasar C8	50	4.6	1.7	N9308893
Quasar C8	100	3.0	1.7	N9308894
Quasar C8	50	3.0	1.7	N9308895
Quasar C8	100	2.1	1.7	N9308896
Quasar C8	50	2.1	1.7	N9308897
Quasar C8 Guard Cartridge (3/pack)	10	3	5	N9308982
Quasar C8 Guard Cartridge (3/pack)	10	3	3	N9308983
Quasar Guard Cartridge Holder	-	-	-	N9306876

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar HILIC	250	4.6	5	N9308820
Quasar HILIC	150	4.6	5	N9308821
Quasar HILIC	100	4.6	5	N9308822
Quasar HILIC	50	4.6	5	N9308823
Quasar HILIC	150	4.6	3	N9308824
Quasar HILIC	100	4.6	3	N9308825
Quasar HILIC	50	4.6	3	N9308826
Quasar HILIC	150	3.0	3	N9308827
Quasar HILIC	100	3.0	3	N9308828
Quasar HILIC	50	3.0	3	N9308829
Quasar HILIC	150	2.1	3	N9308830
Quasar HILIC	100	2.1	3	N9308831
Quasar HILIC	50	2.1	3	N9308832
Quasar HILIC	100	4.6	1.7	N9308833
Quasar HILIC	50	4.6	1.7	N9308834
Quasar HILIC	100	3.0	1.7	N9308835
Quasar HILIC	50	3.0	1.7	N9308836
Quasar HILIC	100	2.1	1.7	N9308837
Quasar HILIC	50	2.1	1.7	N9308838
Quasar HILIC Guard Cartridge (3/pack)	10	3	5	N9308984
Quasar HILIC Guard Cartridge (3/pack)	10	3	3	N9308985
Quasar Guard Cartridge Holder	-	-	-	

Columnas y pre columnas Quasar Ciano, Silica y Bi Fenil

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar BiPhenyl	300	3.9	5	N9308859
Quasar BiPhenyl	250	4.6	5	N9308860
Quasar BiPhenyl	150	4.6	5	N9308861
Quasar BiPhenyl	100	4.6	5	N9308862
Quasar BiPhenyl	50	4.6	5	N9308863
Quasar BiPhenyl	150	4.6	3	N9308864
Quasar BiPhenyl	100	4.6	3	N9308865
Quasar BiPhenyl	50	4.6	3	N9308866
Quasar BiPhenyl	150	3.0	3	N9308867
Quasar BiPhenyl	100	3.0	3	N9308868
Quasar BiPhenyl	50	3.0	3	N9308869
Quasar BiPhenyl	150	2.1	3	N9308870
Quasar BiPhenyl	100	2.1	3	N9308871
Quasar BiPhenyl	50	2.1	3	N9308872
Quasar BiPhenyl	100	4.6	1.7	N9308873
Quasar BiPhenyl	50	4.6	1.7	N9308874
Quasar BiPhenyl	100	3.0	1.7	N9308875
Quasar BiPhenyl	50	3.0	1.7	N9308876
Quasar BiPhenyl	100	2.1	1.7	N9308877
Quasar BiPhenyl	50	2.1	1.7	N9308878
Quasar Biphenyl Guard Cartridge (3/pack)	10	3	5	N9304490
Quasar Biphenyl Guard Cartridge (3/pack)	10	3	3	N9304491
Quasar Guard Cartridge Holder	-	-	-	N9306876

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar Ciano	250	4.6	5	N9308898
Quasar Ciano	150	4.6	5	N9308899
Quasar Ciano	100	4.6	5	N9308990
Quasar Ciano	50	4.6	5	N9308991
Quasar Ciano	150	3.0	3	N9308902
Quasar Ciano	100	3.0	3	N9308903
Quasar Ciano	50	3.0	3	N9308904
Quasar Ciano	150	2.1	3	N9308905
Quasar Ciano	100	2.1	3	N9308906
Quasar Ciano	50	2.1	3	N9308907
Quasar CN Guard Cartridge (3/pack)	10	3	5	N9308988
Quasar CN Guard Cartridge (3/pack)	10	3	3	N9308989
Quasar Guard Cartridge Holder	-	-	-	N9306876

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar Silica	250	4.6	5	N9308908
Quasar Silica	150	4.6	5	N9308909
Quasar Guard Cartridge Holder				

Columnas y pre columnas Quasar SPP C18 y RP Amida

Phase	Length (mm)	I.D. (mm)	μm	Part Number
Quasar SPP C18	150	4.6	2.6	N9308910
Quasar SPP C18	100	4.6	2.6	N9308911
Quasar SPP C18	50	4.6	2.6	N9308912
Quasar SPP C18	150	3	2.6	N9308913
Quasar SPP C18	100	3	2.6	N9308914
Quasar SPP C18	50	3	2.6	N9308915
Quasar SPP C18	150	2.1	2.6	N9308916
Quasar SPP C18	100	2.1	2.6	N9308917
Quasar SPP C18	50	2.1	2.6	N9308918
Quasar SPP C18	250	4.6	5	N9308955
Quasar SPP C18	150	4.6	5	N9308956
Quasar SPP C18	100	4.6	5	N9308957
Quasar SPP C18	50	4.6	5	N9308958
Quasar SSP C18 Guard Cartridge (3/pack)	10	3	2.6	N9308992
Quasar SSP C18 Guard Cartridge (3/pack)	10	3	5	N9308993
Quasar Guard Cartridge Holder	-	-	-	N9306876
Quasar SPP C18 Method Validation Kit, 150x4.6mm (3 columns each from a different batch)	150	4.6	2.6	N9300942
Quasar SPP C18 Method Validation Kit, 100x3.0mm (3 columns each from a different batch)	100	3	2.6	N9300943

Phase	Length (mm)	I.D. (mm)	μm	Part Number
Quasar SPP RP Amide	150	4.6	2.6	N9308946
Quasar SPP RP Amide	100	4.6	2.6	N9308947
Quasar SPP RP Amide	50	4.6	2.6	N9308948
Quasar SPP RP Amide	150	3	2.6	N9308949
Quasar SPP RP Amide	100	3	2.6	N9308950
Quasar SPP RP Amide	50	3	2.6	N9308951
Quasar SPP RP Amide	150	2.1	2.6	N9308952
Quasar SPP RP Amide	100	2.1	2.6	N9308953
Quasar SPP RP Amide	50	2.1	2.6	N9308954
Quasar SPP RP Amide	150	4.6	5	N9308972
Quasar SPP RP Amide	100	4.6	5	N9308973
Quasar SPP RP Amide	50	4.6	5	N9308974
Quasar SSP RP Amide Guard Cartridge (3/pack)	10	3	2.6	N9306888
Quasar SSP RP Amide Guard Cartridge (3/pack)	10	3	5	N9306889
Quasar Guard Cartridge Holder	-	-	-	N9306876

Columnas y pre columnas Quasar SPP HILIC y PFP

Phase	Length (mm)	I.D. (mm)	μm	Part Number
Quasar SPP HILIC	150	4.6	2.6	N9308919
Quasar SPP HILIC	100	4.6	2.6	N9308920
Quasar SPP HILIC	50	4.6	2.6	N9308921
Quasar SPP HILIC	150	3	2.6	N9308922
Quasar SPP HILIC	100	3	2.6	N9308923
Quasar SPP HILIC	50	3	2.6	N9308924
Quasar SPP HILIC	150	2.1	2.6	N9308925
Quasar SPP HILIC	100	2.1	2.6	N9308926
Quasar SPP HILIC	50	2.1	2.6	N9308927
Quasar SPP HILIC	150	4.6	5	N9308960
Quasar SPP HILIC	100	4.6	5	N9308961
Quasar SPP HILIC	50	4.6	5	N9308962
Quasar SSP HILIC Guard Cartridge (3/pack)	10	3	2.6	N9308994
Quasar SSP HILIC Guard Cartridge (3/pack)	10	3	5	N9308995
Quasar Guard Cartridge Holder	-	-	-	N9306876

Phase	Length (mm)	I.D. (mm)	μm	Part Number
Quasar SPP PFP	150	4.6	2.6	N9308928
Quasar SPP PFP	100	4.6	2.6	N9308929
Quasar SPP PFP	50	4.6	2.6	N9308930
Quasar SPP PFP	150	3	2.6	N9308931
Quasar SPP PFP	100	3	2.6	N9308932
Quasar SPP PFP	50	3	2.6	N9308933
Quasar SPP PFP	150	2.1	2.6	N9308934
Quasar SPP PFP	100	2.1	2.6	N9308935
Quasar SPP PFP	50	2.1	2.6	N9308936
Quasar SPP PFP	150	4.6	5	N9308964
Quasar SPP PFP	100	4.6	5	N9308965
Quasar SPP PFP	50	4.6	5	N9308966
Quasar SSP PFP Guard Cartridge (3/pack)	10	3	2.6	N9308996
Quasar SSP PFP Guard Cartridge (3/pack)	10	3	5	N9308997
Quasar Guard Cartridge Holder	-	-	-	N9306876

SEPARATION CHALLENGE ACCEPTED



Columnas y pre columnas Quasar SPP Bipfenil

Phase	Length (mm)	I.D. (mm)	µm	Part Number
Quasar SPP Biphenyl	150	4.6	2.6	N9308910
Quasar SPP Biphenyl	100	4.6	2.6	N9308911
Quasar SPP Biphenyl	50	4.6	2.6	N9308912
Quasar SPP Biphenyl	150	3	2.6	N9308913
Quasar SPP Biphenyl	100	3	2.6	N9308914
Quasar SPP Biphenyl	50	3	2.6	N9308915
Quasar SPP Biphenyl	150	2.1	2.6	N9308916
Quasar SPP Biphenyl	100	2.1	2.6	N9308917
Quasar SPP Biphenyl	50	2.1	2.6	N9308918
Quasar SPP Biphenyl	150	4.6	5	N9308956
Quasar SPP Biphenyl	100	4.6	5	N9308957
Quasar SPP Biphenyl	50	4.6	5	N9308958
Quasar SSP Biphenyl Guard Cartridge (3/pack)	10	3	2.6	N9308998
Quasar SSP Biphenyl Guard Cartridge (3/pack)	10	3	5	N9308999
Quasar Guard Cartridge Holder	-	-	-	N9306876

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