

Purification - Flash Chromatography

Luknova™ Flash Columns

- Prepacked Flash Column™
- Solid Load Column™
- Solid Phase Extraction Columns
- High Purity Silica Gel



Reliability, Efficiency, Consistency

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Prepacked Flash Columns

Proprietary Column Design

Luknova flash column body is designed by using our proprietary technology, comprising of :

- A perforated cap (1)
- A sealing insert (2)
- An inlet filter (3)
- An outlet filter (4)
- A column body (5).

Luknova prepacked flash columns are packed with high purity silica gel by using our proprietary technology, showing excellent purification and separation performance. The columns are compatible with all the purification systems.

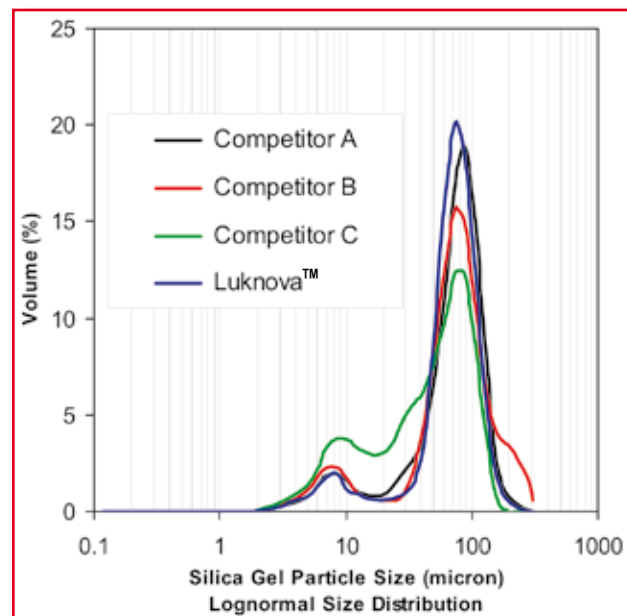
Quality Advantages

- Higher quality silica gel
- Non-disclosed uniform packing
- Novel column design



Purification Features

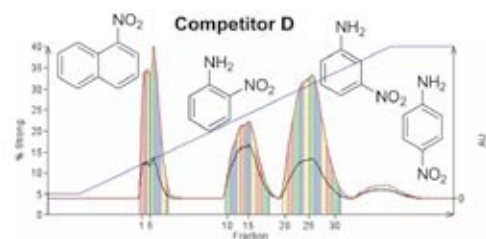
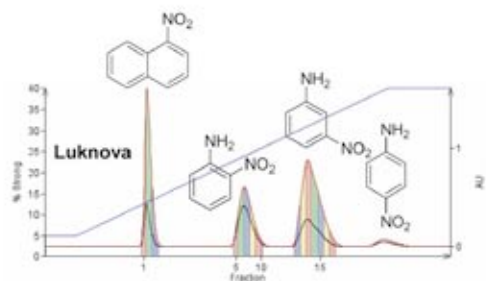
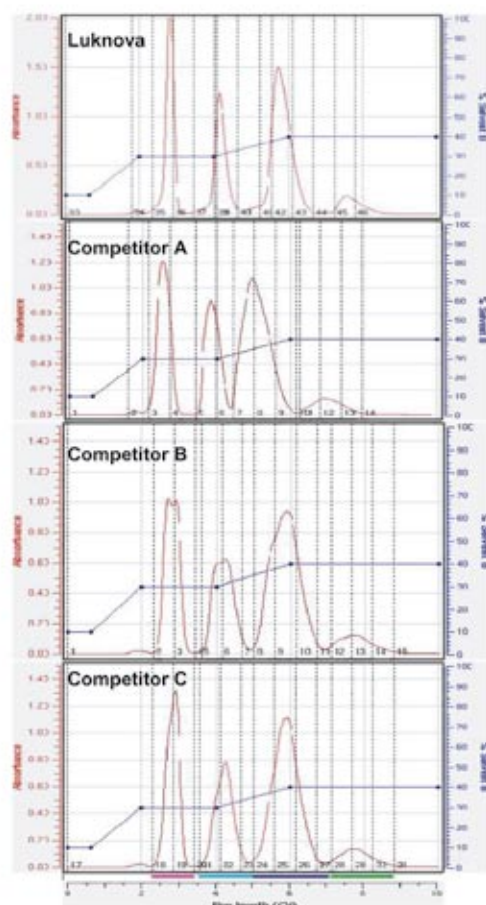
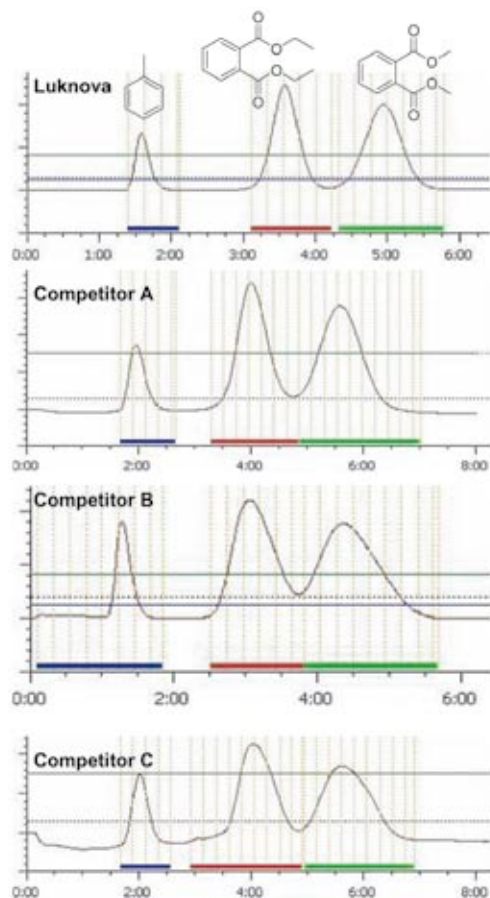
- Accurate Results
- Leak-free
- High yield
- No channeling
- No compound decomposition
- Quicker and more efficient
- Symmetric and sharper peaks
- No peak fronting and doubling
- Durable/easy to use design
- Reliable and consistent performance
- Compatible with all purification systems



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Flash column performance comparison



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Normal phase silica gel columns

SiO2, g	P/N	Description	Quantity
4	FC003004	Flash columns packed with 4g normal phase silica gel, pkg. of 40.	40/pkg.
4	FC003004-0	Flash columns packed with 4g normal phase silica gel, pkg. of 480.	480/pkg.
12	FC003012	Flash columns packed with 12g normal phase silica gel, pkg. of 30.	30/pkg.
12	FC003012-0	Flash columns packed with 12g normal phase silica gel, pkg. of 360.	360/pkg.
25	FC003025	Flash columns packed with 25g normal phase silica gel, pkg. of 25.	25/pkg.
25	FC003025-0	Flash columns packed with 25g normal phase silica gel, pkg. of 300.	300/pkg.
40	FC003040	Flash columns packed with 40g normal phase silica gel, pkg. of 20.	20/pkg.
40	FC003040-0	Flash columns packed with 40g normal phase silica gel, pkg. of 240.	240/pkg.
80	FC003080	Flash columns packed with 80g normal phase silica gel, pkg. of 10.	10/pkg.
80	FC003080-0	Flash columns packed with 80g normal phase silica gel, pkg. of 80.	80/pkg.
120	FC003120	Flash columns packed with 120g normal phase silica gel, pkg. of 8.	8/pkg.
120	FC003120-0	Flash columns packed with 120g normal phase silica gel, pkg. of 64.	64/pkg.
340	FC003340	Flash columns packed with 340g normal phase silica gel, pkg. of 4.	4/pkg.
340	FC003340-0	Flash columns packed with 340g normal phase silica gel, pkg. of 32.	32/pkg.



C18-functionalized silica (reverse phase) columns

Sorbent, g	P/N	Description	Quantity
5	FR005-1	C18-functionalized silica prepacked columns, 5.5g (C18), pkg. of 2.	2/pkg.
16	FR016-1	C18-functionalized silica prepacked columns, 16.5g (C18), pkg. of 1.	1/pkg.
34	FR034-1	C18-functionalized silica prepacked columns, 34.4g (C18), pkg. of 1.	1/pkg.
55	FR055-1	C18-functionalized silica prepacked columns, 55.0g (C18), pkg. of 1.	1/pkg.
110	FR110-1	C18-functionalized silica prepacked columns, 110g (C18), pkg. of 1.	1/pkg.
165	FR165-1	C18-functionalized silica prepacked columns, 165g (C18), pkg. of 1.	1/pkg.
440	FR440-1	C18-functionalized silica prepacked columns, 440g (C18), pkg. of 1.	1/pkg.

Amine-functionalized silica columns

Sorbent, g	P/N	Description	Quantity
5	FAM005-1	Amine-functionalized silica prepacked columns, 5.5g, pkg. of 2.	2/pkg.
16	FAM016-1	Amine-functionalized silica prepacked columns, 16.5g, pkg. of 1.	1/pkg.
34	FAM034-1	Amine-functionalized silica prepacked columns, 34.4g, pkg. of 1.	1/pkg.
55	FAM055-1	Amine-functionalized silica prepacked columns, 55.0g, pkg. of 1.	1/pkg.
110	FAM110-1	Amine-functionalized silica prepacked columns, 110g, pkg. of 1.	1/pkg.
165	FAM165-1	Amine-functionalized silica prepacked columns, 165g, pkg. of 1.	1/pkg.
440	FAM440-1	Amine-functionalized silica prepacked columns, 440g, pkg. of 1.	1/pkg.

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Cyano-functionalized silica columns

Sorbent. g	P/N	Description	Quantity
5	FCY005-1	Cyano-functionalized silica prepacked columns, 5.5g, pkg. of 2.	2/pkg.
16	FCY016-1	Cyano-functionalized silica prepacked columns, 16.5g, pkg. of 1.	1/pkg.
34	FCY034-1	Cyano-functionalized silica prepacked columns, 34.4g, pkg. of 1.	1/pkg.
55	FCY055-1	Cyano-functionalized silica prepacked columns, 55.0, pkg. of 1.	1/pkg.
110	FCY110-1	Cyano-functionalized silica prepacked columns, 110g, pkg. of 1.	1/pkg.
165	FCY165-1	Cyano-functionalized silica prepacked columns, 165g, pkg. of 1.	1/pkg.
440	FCY450-1	Cyano-functionalized silica prepacked columns, 440g, pkg. of 1.	1/pkg.

Diol-functionalized silica columns

Sorbent. g	P/N	Description	Quantity
5	FDL005-1	Diol-functionalized silica prepacked columns, 5.5g, pkg. of 2.	2/pkg.
16	FDL016-1	Diol-functionalized silica prepacked columns, 16.5g, pkg. of 1.	1/pkg.
34	FDL034-1	Diol-functionalized silica prepacked columns, 34.4g, pkg. of 1.	1/pkg.
55	FDL055-1	Diol-functionalized silica prepacked columns, 55.0g, pkg. of 1.	1/pkg.
110	FDL110-1	Diol-functionalized silica prepacked columns, 110g, pkg. of 1.	1/pkg.
165	FDL165-1	Diol-functionalized silica prepacked columns, 165g, pkg. of 1.	1/pkg.
440	FDL440-1	Diol-functionalized silica prepacked columns, 440g, pkg. of 1.	1/pkg.

SAX-functionalized silica columns

Sorbent. g	P/N	Description	Quantity
5	FSA005-1	SAX-functionalized silica prepacked columns, 5.5g, pkg. of 2.	2/pkg.
16	FSA016-1	SAX-functionalized silica prepacked columns, 16.5g, pkg. of 1.	1/pkg.
34	FSA034-1	SAX-functionalized silica prepacked columns, 34.4g, pkg. of 1.	1/pkg.
55	FSA055-1	SAX-functionalized silica prepacked columns, 55.0, pkg. of 1.	1/pkg.
110	FSA110-1	SAX-functionalized silica prepacked columns, 110g, pkg. of 1.	1/pkg.
165	FSA165-1	SAX-functionalized silica prepacked columns, 165g, pkg. of 1.	1/pkg.
440	FSA440-1	SAX-functionalized silica prepacked columns, 440g, pkg. of 1.	1/pkg.

SCX-functionalized silica columns

Sorbent. g	P/N	Description	Quantity
5	FSC005-1	SCX-functionalized silica prepacked columns, 5.5g, pkg. of 2.	2/pkg.
16	FSC016-1	SCX-functionalized silica prepacked columns, 16.5g, pkg. of 1.	1/pkg.
34	FSC034-1	SCX-functionalized silica prepacked columns, 34.4g, pkg. of 1.	1/pkg.
55	FSC055-1	SCX-functionalized silica prepacked columns, 55.0g, pkg. of 1.	1/pkg.
110	FSC110-1	SCX-functionalized silica prepacked columns, 110g, pkg. of 1.	1/pkg.
165	FSC165-1	SCX-functionalized silica prepacked columns, 165g, pkg. of 1.	1/pkg.
440	FSC440-1	SCX-functionalized silica prepacked columns, 440g, pkg. of 1.	1/pkg.

