

CHIRALPAK® -3R & [-RH] & CHIRALCEL® -R & [-RH]

DAICEL REVERSE PHASE HPLC COLUMNS CHIRALPAK® -3R & [-RH] & CHIRALCEL® -R & [-RH]

For aqueous-organic mobile phase separation or when pH flexibility is required

NEW CHIRALPAK® AD-3R, AS-3R, AZ-3R, AY-3R & CHIRALCEL® OD-3R, OJ-3R, OZ-3R are columns packed with Chiral Stationary Phase coated on our new 3 µm silica support for:

- Fast analysis,
- Higher resolution,
- Direct use in most HPLC systems,
- Direct method transfer between 5 µm and 3 µm,
- As always, **DAICEL** high quality.

CHIRALPAK® -3R & [-RH] & CHIRALCEL® -R & [-RH] have been developed by **DAICEL** as the reverse phase versions of **CHIRALPAK® AD-H, AS-H, AY-H, AZ-H & CHIRALCEL® OD-H, OJ-H, OZ-H** (Columns which have the widest applicability in normal phase mode). They have the same coated chiral selector as found in the normal phase stationary phases, but are coated to a hydrophobic high quality silica support.

These reverse-phase columns were developed specifically for aqueous-organic mobile phases. They are suited for applications where the sample is present in aqueous media (e.g. biological samples) or for samples that require flexibility in term of pH range (extreme pH values must be avoided as they can damage the silica gel used in these columns).

These columns are also frequently used in LC/MS applications.

Analytical columns for reverse phase HPLC **CHIRALPAK® -3R & [-RH] & CHIRALCEL® -R & [-RH]** chromatography columns are available in a variety of diameters and lengths to meet your application needs.

Immobilised chiral phases (**CHIRALPAK® IA, CHIRALPAK® IB & CHIRALPAK® IC**) show that they are extremely suitable for analytical method development under reverse phase conditions (see column details p. 8). Many RP and LCMS conditions have been defined using these columns.



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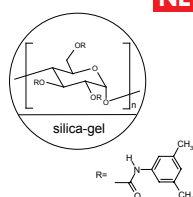


REVERSE PHASE CHIRALPAK® AD-3R, AD[-RH], AS-3R, AS[-RH], AY-3R & AZ-3R

Reference	Product Name	Column Length (mm)	Internal Diameter (mm)	Particle Size (µm)	Product Type
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NEW • CHIRALPAK® AD-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALPAK® AD-3



19811	CHIRALPAK® AD-3R	10	4	3	Guard Cartridges (x3)
19822	CHIRALPAK® AD-3R	50	4,6	3	Analytical
19823	CHIRALPAK® AD-3R	100	4,6	3	Analytical
19824	CHIRALPAK® AD-3R	150	4,6	3	Analytical
19894	CHIRALPAK® AD-3R	150	2,1	3	Analytical

• CHIRALPAK® AD[-RH] HPLC ANALYTICAL COLUMNS 5 µm

REVERSE PHASE TYPE OF CHIRALPAK® AD-H

19711	CHIRALPAK® AD[-RH]	10	4	5	Guard Cartridges (x3)
19724	CHIRALPAK® AD[-RH]	150	4,6	5	Analytical

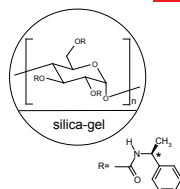
• CHIRALPAK® AD[-RH] HPLC ANALYTICAL SPECIAL COLUMN 5 µm

REVERSE PHASE TYPE OF CHIRALPAK® AD-H

19794	CHIRALPAK® AD[-RH]	150	2,1	5	Analytical
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NEW • CHIRALPAK® AS-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALPAK® AS-3



20811	CHIRALPAK® AS-3R	10	4	3	Guard Cartridges (x3)
20822	CHIRALPAK® AS-3R	50	4,6	3	Analytical
20823	CHIRALPAK® AS-3R	100	4,6	3	Analytical
20824	CHIRALPAK® AS-3R	150	4,6	3	Analytical

• CHIRALPAK® AS[-RH] HPLC ANALYTICAL COLUMNS 5 µm

REVERSE PHASE TYPE OF CHIRALPAK® AS-H

20711	CHIRALPAK® AS[-RH]	10	4	5	Guard Cartridges (x3)
20724	CHIRALPAK® AS[-RH]	150	4,6	5	Analytical

• CHIRALPAK® AS[-RH] HPLC ANALYTICAL SPECIAL COLUMN 5 µm

REVERSE PHASE TYPE OF CHIRALPAK® AS-H

20794	CHIRALPAK® AS[-RH]	150	2,1	5	Analytical
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NEW • CHIRALPAK® AY-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALPAK® AY-3

47811	CHIRALPAK® AY-3R	10	4	3	Guard Cartridges (x3)
47822	CHIRALPAK® AY-3R	50	4,6	3	Analytical
47823	CHIRALPAK® AY-3R	100	4,6	3	Analytical
47825	CHIRALPAK® AY-3R	150	4,6	3	Analytical

NEW • CHIRALPAK® AZ-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALPAK® AZ-3

61811	CHIRALPAK® AZ-3R	10	4	3	Guard Cartridges (x3)
61822	CHIRALPAK® AZ-3R	50	4,6	3	Analytical
61823	CHIRALPAK® AZ-3R	100	4,6	3	Analytical
61824	CHIRALPAK® AZ-3R	150	4,6	3	Analytical

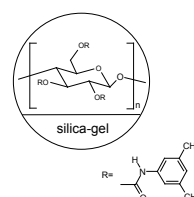
REVERSE PHASE CHIRALCEL® OD-R, OD[-RH], OJ-3R, OJ[-RH] & OZ-3R

Reference	Product Name	Column Length (mm)	Internal Diameter (mm)	Particle Size (µm)	Product Type
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NEW • CHIRALCEL® OD-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALCEL® OD-3

14811	CHIRALCEL® OD-3R	10	4	3	Guard Cartridges (x3)
14822	CHIRALCEL® OD-3R	50	4,6	3	Analytical
14823	CHIRALCEL® OD-3R	100	4,6	3	Analytical
14824	CHIRALCEL® OD-3R	150	4,6	3	Analytical
14894	CHIRALCEL® OD-3R	150	2,1	3	Analytical



• CHIRALCEL® OD[-RH] HPLC ANALYTICAL COLUMNS 5 µm

REVERSE PHASE TYPE OF CHIRALCEL® OD-H/OD

14711	CHIRALCEL® OD[-RH]	10	4	5	Guard Cartridges (x3)
14724	CHIRALCEL® OD[-RH]	150	4,6	5	Analytical

• CHIRALCEL® OD[-RH] HPLC ANALYTICAL SPECIAL COLUMN 5 µm

REVERSE PHASE TYPE OF CHIRALCEL® OD-H/OD

14794	CHIRALCEL® OD[-RH]	150	2,1	5	Analytical
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• CHIRALCEL® OD-R HPLC ANALYTICAL COLUMNS 10 µm

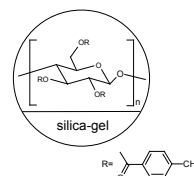
REVERSE PHASE TYPE OF CHIRALCEL® OD-H/OD

14611	CHIRALCEL® OD-R	10	4	10	Guard Cartridges (x3)
14625	CHIRALCEL® OD-R	250	4,6	10	Analytical

NEW • CHIRALCEL® OJ-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALCEL® OJ-3

17811	CHIRALCEL® OJ-3R	10	4	3	Guard Cartridges (x3)
17822	CHIRALCEL® OJ-3R	50	4,6	3	Analytical
17823	CHIRALCEL® OJ-3R	100	4,6	3	Analytical
17824	CHIRALCEL® OJ-3R	150	4,6	3	Analytical



• CHIRALCEL® OJ[-RH] HPLC ANALYTICAL COLUMNS 5 µm

REVERSE PHASE TYPE OF CHIRALCEL® OJ-H

17711	CHIRALCEL® OJ[-RH]	10	4	5	Guard Cartridges (x3)
17724	CHIRALCEL® OJ[-RH]	150	4,6	5	Analytical

• CHIRALCEL® OJ[-RH] HPLC ANALYTICAL SPECIAL COLUMN 5 µm

REVERSE PHASE TYPE OF CHIRALCEL® OJ-H

17794	CHIRALCEL® OJ[-RH]	150	2,1	5	Analytical
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Reference	Product Name	Column Length (mm)	Internal Diameter (mm)	Particle Size (µm)	Product Type
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NEW • CHIRALCEL® OZ-3R HPLC ANALYTICAL COLUMNS 3 µm

REVERSE PHASE TYPE OF CHIRALCEL® OZ-3

42811	CHIRALCEL® OZ-3R	10	4	3	Guard Cartridges (x3)
42822	CHIRALCEL® OZ-3R	50	4,6	3	Analytical
42823	CHIRALCEL® OZ-3R	100	4,6	3	Analytical
42824	CHIRALCEL® OZ-3R	150	4,6	3	Analytical

ACCESSORIES FOR DAICEL COLUMNS

Reference	Product Name	Column Length (mm)	Product Type
00011	GUARD CARTRIDGE HOLDER*		HOLDER FOR GUARD CARTRIDGE
00024	COLUMN JACKET 1,5 cm	150	HARDWARE
00025	COLUMN JACKET 25 cm	250	HARDWARE
CG000D1	GUARD COLUMN COUPLER		COUPLER

