

Chiral Separation Column CHIRAL ART Cellulose-SZ

Features

- New chiral selector as an immobilized type
- Wide applications and unique selectivity complementing other chiral selectors
- Compatible with various organic solvents
- High durability over a wide range of pH



Unique Selectivity Complementing Other Chiral Selectors



CHIRAL ART Family Products

YMC CO., LTD. http://www.ymc.co.jp

Туре	Name	Chiral Selector	
Immobilized	CHIRAL ART Amylose-SA	Amylose tris(3,5-dimethylphenylcarbamate)	
	CHIRAL ART Cellulose-SB	Cellulose tris(3,5-dimethylphenylcarbamate)	
	CHIRAL ART Cellulose-SC	Cellulose tris(3,5-dichlorophenylcarbamate)	
	CHIRAL ART Cellulose-SJ	Cellulose tris(4-methylbenzoate)	
	CHIRAL ART Cellulose-SZ	Cellulose tris(3-chloro-4-methylphenylcarbamate)	
Coated	CHIRAL ART Amylose-C Neo	Amylose tris(3,5-dimethylphenylcarbamate)	
	CHIRAL ART Cellulose-C	Cellulose tris(3,5-dimethylphenylcarbamate)	



Wide Range of Usable Solvents



Retention rate of initial column performance (after flushing with 1,000 CV of each solvent at 40°C)

Solvent	α	k'(2)
Ethyl acetate	100.2%	98.6%
Tetrahydrofuran	98.6%	98.4%
Dichloromethane	100.3%	99.5%

*CV=Column Volume

CHIRAL ART Cellulose-SZ has high resistance to various solvents. The change in column performance after exposure to each solvent was less than 2%.

Wide Usable pH Range

: Benzoin

Sample



CHIRAL ART Cellulose-SZ has excellent chemical durability and can be used across a wide range of pH. Cellulose-SZ offers stable and consistent performance in reversed phase mode.

Worldwide Availability

YMC America, Inc. www.ymcamerica.com

YMC India Pvt. Ltd. www.ymcindia.com



YMC Europe GmbH www.ymc.de

YMC Korea Co., Ltd. www.ymckorea.com

YMC CO., LTD.

YMC Karasuma-Gojo Bldg., 284 Daigo-cho Karasuma Nishiiru Gojo-dori, Shimogyo-ku Kyoto, 600-8106, Japan TEL:+81-75-342-4515 FAX:+81-75-342-4550 www.ymc.co.jp sales@ymc.co.jp

www.ymc-schweiz.ch YMC Taiwan Co., Ltd. www.ymctaiwan.com

YMC Switzerland LLC

Distributor

YMC Shanghai Rep. Office www.ymcchina.com

YMC Singapore Tradelinks Pte. Ltd. www.ymc.co.jp/en/