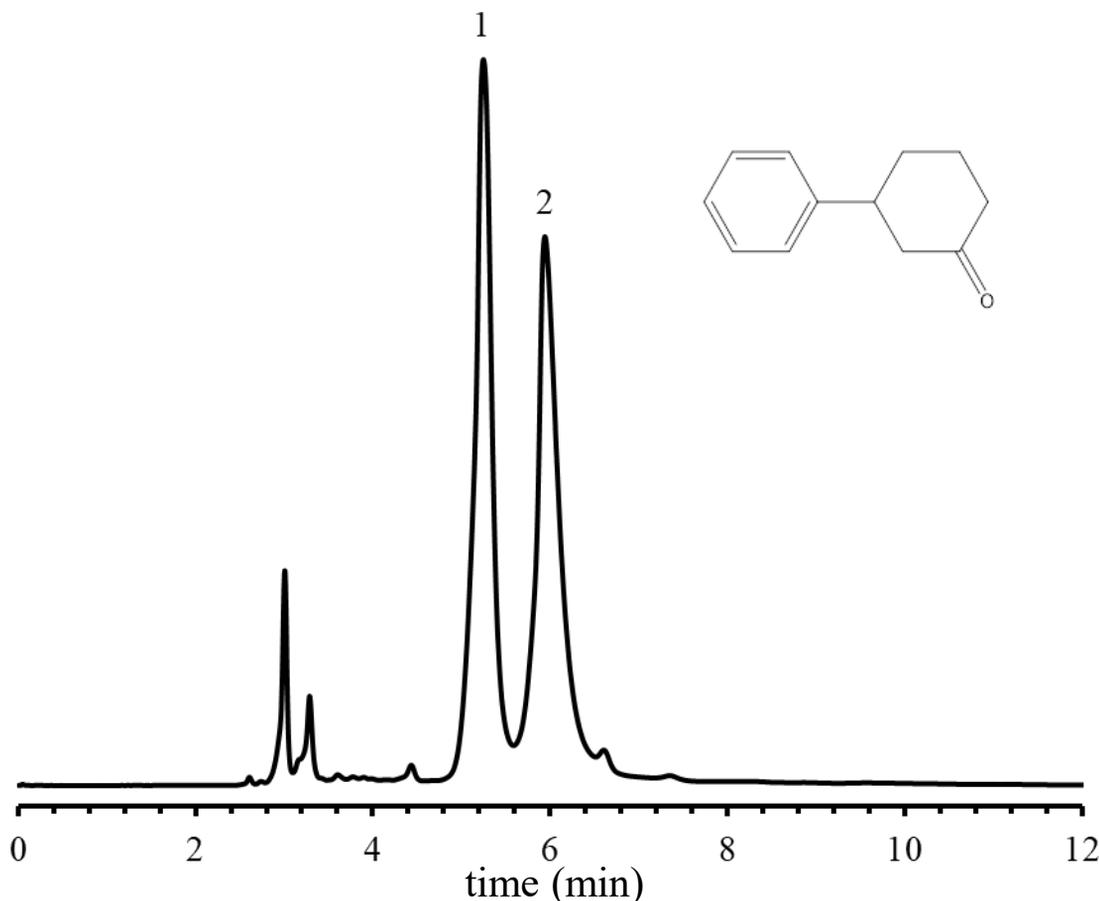


SHINWA EXPRESS

Application

VOL. 269

Analysis of 3-Phenylcyclohexanone using the ULTRON ES-PhCD



Column: ULTRON ES-PhCD (5 μ m)
 Column size: 250 mmL x 4.6 mm I.D.
 Mobile phase: n-Hexane/EtOH/TFA = 80/20/0.08
 Flow rate: 1.0 mL/min
 Column temp.: 25°C

Detection: UV-207 nm
 Sample: 1. (R)-3-Phenylcyclohexanone (1000 mg/L)
 2. (S)-3-Phenylcyclohexanone (1000 mg/L)
 Diluent: ethanol
 Injection vol.: 10 μ L

● Features of ULTRON ES-PhCD

1. Capable of chiral separations of hydrophobic cyclic compounds.
2. Both reverse and normal phase eluents can be used.
3. Excellent stability and durability.
4. Corresponded to L45.



SHINWA CHEMICAL INDUSTRIES LTD.

50-2 Kagekatsu-cho, Fushimi-ku
 Kyoto 612-8307 Japan
 TEL: +81-75-621-2360 FAX: +81-75-602-2660
 E-mail: info@shinwa-cpc.co.jp
 Website: <https://shinwa-cpc.co.jp/en/>

■ Analytical column specifications ■

ULTRON ES-CD / ES-CD-2 / ES-CD-EP / ES-CD-B / ES-CD-F / ES-PhCD / ES-PhCD-T

Product name	Particle size (μm)	Column dimensions Length x I.D. (mm)
ULTRON ES-CD-2	3	150×2.0
		250×2.0
		150×4.6
		250×4.6
ULTRON ES-CD-EP		150×4.6
ULTRON ES-CD-2 (Two Guard Cartridges)		5×2.0
		10×4.6
ULTRON ES-CD		5
	150×4.6	
	150×6.0	
	250×4.6	
ULTRON ES-CD-2	150×2.0	
	250×2.0	
	150×4.6	
ULTRON ES-CD-B	250×4.6	
	150×6.0	
ULTRON ES-CD-F	250×4.6	
ULTRON ES-CD.G	10×4.0	
ULTRON ES-PhCD	150×2.0	
	150×4.6	
ULTRON ES-PhCD-T	150×6.0	
ULTRON ES-PhCD	250×4.6	
ULTRON ES-PhCD.G	10×4.0	
ULTRON ES-CD (Two Guard Cartridges)	5×2.0	
	10×4.6	
ULTRON ES-CD-2 (Two Guard Cartridges)	5×2.0	
	10×4.6	
ULTRON ES-PhCD (Two Guard Cartridges)	5×2.0	
	10×4.6	
Holder for Guard Cartridge (with Coupler)	-	For 5×2.0 mm column
		For 10×4.6 mm column

※ Please do not hesitate to contact us for the other dimensions.
Please feel free to contact us with questions related to analyses.
Column screening services are also available.



Please be aware that specifications and prices are subject to change without prior notification.