

實驗室的老靈魂

Purifi

純

cation

化

silica

矽

gel

膠

大罐欸卡俗喔



SILICYCLE

水解顆
含析粒
量度均
低高勻

友和獨賣

波波粉



經典款

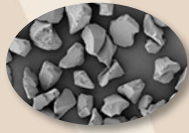


*提供250g~25kg包裝

	矽膠		球形矽膠	EX強效!
品號	SY-R12030B	SY-R10040B	SY-S10095D-A	SY-S10040C
粒徑	40-63 μm (230-400 mesh)	60-200 μm (70-230 mesh)	25 μm	75-200 μm
孔徑	60 Å	60 Å	90 Å	70 Å
應用	用於粗分化合物， 適合填充於 Open column 或 MPLC		與一般矽膠用途相同， 但解析度更高	

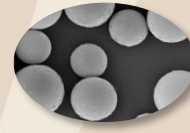
其他純化矽膠產品列表

非球形矽膠



品號	粒徑		孔徑
	μm	mesh	Å
SY-R10137L	75 - 150	100 - 200	30
SY-R10130A	40 - 63	230 - 400	40
SY-R10150A	60 - 120	325 - 625	
SY-R10140A	60 - 200	70 - 230	
SY-R10160A	120 - 200	70 - 125	
SY-R10170A	200 - 500	35 - 70	
SY-R10180A	500 - 1,000	18 - 35	
SY-R10114B	5 - 20	-	60
SY-R10117B	15 - 40	-	
SY-R10023B	20 - 45	-	
SY-R10030B (F60)	40 - 63	230 - 400	
SY-R10530B 酸洗			
SY-R10050B	60 - 120	325 - 625	
SY-R10140B (GE60)	60 - 200	70 - 230	
SY-R10137B	75 - 150	100 - 200	90
SY-R10160B	120 - 200	70 - 125	
SY-R10170B	200 - 500	35 - 70	
SY-R10180B	500 - 1,000	18 - 35	
SY-R10130D	40 - 63	230 - 400	
SY-R10117D	15 - 40	-	
SY-R10140D	60 - 200	70 - 230	150
SY-R10170D	200 - 500	35 - 70	
SY-R10180D	500 - 1,000	18 - 35	
SY-R10181D	800 - 1,200	16 - 22	
SY-R10130H	40 - 63	230 - 400	
SY-R10150H	60 - 120	325 - 625	
SY-R10140H	75 - 250	60 - 200	300
SY-R10160H	120 - 200	70 - 125	
SY-R10170H	200 - 500	35 - 70	
SY-R10180H	500 - 1,000	18 - 35	
SY-R10181H	800 - 1,200	16 - 22	
SY-R10130M	40 - 63	230 - 400	
SY-R10140M	60 - 200	70 - 230	300
SY-R10170M	200 - 500	35 - 70	

球形矽膠



品號	粒徑		孔徑
	μm	mesh	Å
SY-S10030B-A	50	300	60
SY-S10040B-A	300	150	
SY-S10020C	20 - 45	-	70
SY-S10030C	40 - 75	200 - 400	
SY-S10070C	200 - 500	35 - 70	
SY-S10095D-A	25	-	90
SY-S10020E	20 - 45	-	100
SY-S10030E	40 - 75	200 - 400	
SY-S10040E	75 - 200	70 - 200	
SY-S10070E	200 - 500	35 - 70	
SY-S10027G-A	50	300	120
SY-S10020M	20 - 45	-	300
SY-S10030M	40 - 75	200 - 400	
SY-S10040M	75 - 200	70 - 200	
SY-S10070M	200 - 500	35 - 70	
SY-S10020P	20 - 45	-	500
SY-S10030P	40 - 75	200 - 400	
SY-S10040P	75 - 200	70 - 200	
SY-S10070P	200 - 500	35 - 70	
SY-S10020S	20 - 45	-	800
SY-S10030S	40 - 75	200 - 400	
SY-S10040S	75 - 200	70 - 200	
SY-S10070S	200 - 500	35 - 70	
SY-S10020T	20 - 45	-	1000
SY-S10030T	40 - 75	200 - 400	
SY-S10040T	75 - 200	70 - 200	
SY-S10070T	200 - 500	35 - 70	

全系列矽膠



經典友和產品

時代在變

品質不變



氧化鋁



經典款



*提供500g~25kg包裝

	鹼性氧化鋁	中性氧化鋁	酸性氧化鋁
pH值	9.5 ± 0.3	7.0 ± 0.5	4.0 ± 0.3
品號	MN-815010	MN-815020	MN-815030
粒徑	Activity grade I 50-200 μm		
表面積	130 m^2/g		

TLC Plate

分析的神隊友



	製備型 TLC (PLC)	TLC	高解析 TLC (HPTLC)
矽膠層厚	0.5/1 mm	250 μ m	150 μ m
樣品量	5-20 μ L	1-5 μ L	0.1-0.5 μ L
應用	在 TLC 板上純化	快速、靈敏	難分離的樣品
粒徑分佈	5-40 μ m	5-20 μ m	4-8 μ m
平均粒徑	25 μ m	10-12 μ m	5-6 μ m

Separation of nutmeg ingredients

Layer: ALUGRAM® Xtra SIL G UV₂₅₄

Sample: shake 1.0 g freshly powdered drug for 3 min with 4 mL methanol and filter; apply 10 μ L

Eluent: toluene – ethyl acetate (95:5, v/v)

Migration distance: 15 cm

Detection: 254 nm: underivatized daylight and 366 nm: spray with 5 % ethanolic sulfuric acid, 1 % vanillic acid and heat to 105 °C

The chromatograms show the following zones with increasing R_f values: linalool (bluish grey), eugenol (yellowish brown), myristicin (reddish brown), and anethole (pink-violet). Other colored zones may appear.

Daylight 254 nm 366 nm

Anethole
Myristicin
Eugenol
Linalool

基板材質	厚度 (μ m)	品號	吸附劑	尺寸
玻璃	250	★ SY-TLG-R10014B-323-1	Silica gel	20 x 20 cm x 25 pcs
		★ SY-TLGR10011B2575B-A	Silica gel	2.5 x 7.5 cm x 192 pcs
		SY-TLG-R30411B-213	C18 (13%)	10 x 10 cm x 25 pcs
鋁片	200	★ MN-818133-1APK	Silica gel	20 x 20 cm x 25 pcs
		★ MN-818333-1PAK	Silica gel (high quality)	
		MN-818033-1PACK	Silica gel (no UV ₂₅₄)	
		MN-818023-1PACK	中性氧化鋁	
	150	MN-818146-1PACK	C18	
	100	MN-818153-1PAK	纖維素 (no UV ₂₅₄)	

*若需其他尺寸請洽業務

購買純化矽膠25kg或氧化鋁5kg 1桶 即贈送★TLC片 1盒

DM11408003



友和貿易股份有限公司
UNI-ONWARD Corp.
客服專線：(02)2600-0611

◆台北 TEL:(02)2600-6699
◆新竹 TEL:(03)658-0508
◆台中 TEL:(04)2355-2008
◆嘉義 TEL:(05)277-2262

FAX:(02)2600-0799
FAX:(03)658-0509
FAX:(04)2355-2006
FAX:(05)277-2263

◆台南 TEL:(06)249-5488
◆高雄 TEL:(07)374-8686
◆花蓮 TEL:(03)836-0065
FAX:(06)249-5499
FAX:(07)374-8585
FAX:(03)836-0075
www.uni-onward.com.tw

