

HPTLC Silicagel 60 RP-8 F₂₅₄S

Descripción	
Número de catálogo	113725
Replaces	13725-5; 13725
Descripción	HPTLC Silice gel 60 RP-8 F ₂₅₄ S
Visión de conjunto	RP modified plates serve two purposes: act as a pilot method for HPLC and allow to choose various solvent system for special separations. Our RP-modified silica layers are well suited for many separation challenges that unmodified silica cannot overcome. These layers use aqueous solvent systems to separate extremely non-polar substances and analyze particular polar substances that can adapt to ion-pair chromatography. What's more, RP-modified silica layers are less dependent on atmospheric humidity. Unlike unmodified silica, RP-phases do not exhibit catalytic activity. This makes them the plates of choice for unstable substance that tend to experience oxidative degradation.
Información del producto	
Código HS	3822 00 00
Quality Level	MQ100
Aplicaciones	
Aplicación	Glass HPTLC Silice gel 60 RP-8 F ₂₅₄ S plates. Silica gel HPTLC plates size 10 x 10 cm, 25 sheets.
Información de seguridad según el GHS	
Clase de almacenamiento	10 - 13 Otros líquidos y sustancias sólidas

Información de almacenamiento y transporte	
Almacenamiento	Temperatura de almacenamiento: sin limitaciones.
Especificaciones	
Specific surface area (according to BET; 5-Pt. measurement)	480 - 540 m ² /g
Pore volume (N ₂ -isotherm)	0.74 - 0.84 ml/g
d 50 (laser diffraction, size distribution)	5 - 7 µm
Layer thickness	150 - 200 µm
Deviation of layer thickness per plate	≤ 35 µm
Chromatographic testings: A) Cholesterin test	
hRf-values - cholesterin, cholesterin test	48 - 60
B) Steroid test	
- methyltestosterone, steroid test	31 - 51

Especificaciones	
- Reichstein S, steroid test	59 - 79
- hydrocortisone, steroid test	72 - 92
Typical value determined on an activated plate (120°C, 15 min) Eluent a) aceton/ water (95/5 v/v) Eluent b) acetonitrile/ water (70/30 v/v)	