Specification

1.05554.0001 TLC Silica gel 60 F_{254} 25 Aluminium sheets 20 x 20 cm

Specifications		
Specific surface area (according to BET; 5-Pt. measurement)	480 - 540	m²/g
Pore volume (N_2-isotherm)	0.74 - 0.84	ml/g
d 50 (laser diffraction, size distribution)	9.7 - 11.7	µm
Layer thickness	175 - 225	µm
Deviation of layer thickness per plate	≤ 30	µm

hRf-values	
A) Colour test	
Bleu VIF Organol	11 - 25
Ceres black	34 - 48
Ceres violet BRN	52 - 67
Separation number	≥ 10.5

hRf-values	
B) Steroid test	
Hydrocortisone	25 - 37
Reichstein S	37 - 49
Methyltestosterone	42 - 54

Typical value determined on a conditioned sheet
Eluent A) Toluene (45% rel.humidity)
Eluent B) Ethyl acetate/Toluene (95/5 v/v; 20% rel.humidity)

Tom Kupfer
Responsible laboratory manager quality control

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