



# Specification

1.15423.0001 TLC Silica gel 60 RP-18 F<sub>254</sub>S 50 Glass plates 10 x 20 cm

## Specifications

|                                                             |             |                   |
|-------------------------------------------------------------|-------------|-------------------|
| Specific surface area (according to BET; 5-Pt. measurement) | 480 - 540   | m <sup>2</sup> /g |
| d 50 (laser diffraction, size distribution)                 | 9.7 - 11.7  | µm                |
| Pore volume (N <sub>2</sub> -isotherm)                      | 0.74 - 0.84 | ml/g              |
| Layer thickness                                             | 200 - 270   | µm                |
| Deviation of layer thickness per plate                      | ≤ 35        | µm                |

## hRf-values

A) Cholesterol test  
cholesterine

38 - 46

## hRf-values

B) Steroid test

methyltestosterone

30 - 42

Reichstein S

58 - 70

hydrocortisone

71 - 83

Typical value determined on an activated plate (120°C, 15 min)

Eluent a) Acetone/Water (95/5 v/v)

Eluent b) Acetonitrile/Water (70/30 v/v)

Tom Kupfer

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.