Specification

Product: ALUGRAM® SIL G, 20 x 20 cm

REF: 818033
Minimum shelf life: 10 years

Technical Data

Adsorbent: unmodified silica
Description: Aluminium foils coated with silica gel 60 for TLC

Parameter	Specification
Surface area [m^2/g]:	350–450
Pore volume [mL/g]:	0.70–0.80
Particle size – 50 % volume [µm]:	8.0–12.0
Layer thickness [µm]:	170–230

Chromatographic test

Violet 2 (hRf)	3–6
Red (hRf)	10–15
Blue (hRf)	22–30
Violet 1 (hRf)	47–55

Chromatographic procedure

Separation of anthrachinone dyes (horizontal developing chamber; cond. of layer, 50 % rel. humidity for 10 min.)
Eluent: toluene/cyclohexane (2:1, v/v)
Migration time: 10 min.
Migration distance: 45–55 mm

Date: April 19th, 2022

Confirmation

Hereby we confirm that the above mentioned product has successfully passed our quality control system in accordance with EN ISO 9001 and meets the specific quality criteria.

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

DOMINIQUE DUTSCHER SAS

MACHEREY-NAGEL GmbH & Co. KG
Valencienner Str. 11
52355 Düren · Germany
www.mn-net.com

DE Tel.: +49 24 21 969-0 info@mn-net.com
CH Tel.: +41 62 388 55 00 sales-ch@mn-net.com
FR Tel.: +33 388 68 22 68 sales-fr@mn-net.com
US Tel.: +1 888 321 62 24 sales-us@mn-net.com