



SIL G-25 HR G special layer for aflatoxin separation

🔧 Technical characteristics

- High purity silica 60 with gypsum and a very small quantity of a polymeric organic binder; softer than the standard silica layer, i.e. spots can be scratched and the layer absorbs faster

✅ Recommended application

- Aflatoxins

Ordering information

Plate size [cm]	20 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	25		

Glass plates

SIL G-25 HR	809033	0.25 mm	–
SIL G-25 HR/UV ₂₅₄	809043	0.25 mm	UV ₂₅₄

SIL G-25 Tenside G special layer for separation of surfactants

🔧 Technical characteristics

- Silica G impregnated with ammonium sulfate

✅ Recommended application

- Detergents, alkanesulfonates, polyglycols

Ordering information

Plate size [cm]	20 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	25		

Glass plates

SIL G-25 Tenside	810063	0.25 mm	–
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Nano-SIL PAH G special HPTLC silica layer for PAH analysis

🔧 Technical characteristics

- Nano silica 60, mean pore size 60 Å, specific surface (BET) ~ 500 m²/g, specific pore volume 0.75 mL/g, particle size 2–10 µm
- Impregnated with caffeine, an electron acceptor for PAH analysis based on charge-transfer complexes

✅ Recommended application

- 6 PAHs according to German drinking water specifications (TVO) in accordance with German standard DIN 38407 part 7

Ordering information

Plate size [cm]	10 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	50		

Glass plates

Nano-SIL PAH	811051	0.20 mm	–
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Further application examples can be found online in our application database at www.mn-net.com/apps

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