

MACHEREY-NAGEL

Thin layer chromatography

Chromatography



State-of-the-art TLC products

- Quality
- Efficiency
- Selectivity



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Thin layer chromatography

What is TLC (Thin layer chromatography)?

It's a quick, easy and cost-efficient method for separating compound mixtures utilizing planar plates or sheets of glass, aluminum or polyester coated with silica or other separating media.

What is it used for?

A common method in pharmacy, food industries, natural compound analyses or organic syntheses for control of identity, yield or composition of substances and products.

Why should customers buy MACHEREY-NAGEL TLC products?

- One of the leading TLC manufacturers in the world
- Pre-coated ready-to-use plates and sheets
- Comprehensive range of plate sizes, surface coatings and backings
- Continuously high quality from plate-to-plate and batch-to-batch

Top-REFs

Silica (SIL G) coated TLC plates with UV indicator (254 nm)			
Dimensions	Glass	Aluminum	Polyester
20x20 cm (25 pcs.)	REF 809023	REF 818333	REF 805023
10x20 cm (50 pcs.)	REF 809022		
5x10 cm (50 pcs.)	REF 809027	REF 818360	
4x8 cm (50 pcs.)		REF 818331	REF 805021
Accessories: TLC chamber			
20x20 cm	REF 814019		
10x10 cm	REF 814018		

Key features

Three different backings

Glass plates

Robust, transparent, heat proof and chemically resistant

Aluminum sheets

Easy to handle, heat proof, lightweight and flexible

Polyester sheets

Easy to handle, transparent, lightweight and flexible

- Different coating materials: silica, modified silica, Alox, cellulose, etc.
- High variation of dimensions (from 20 x 20 to 2.5 x 7.5 cm)
- Plates for qualitative and quantitative analyses
- Special products: concentrating zone, channel-plates, chiral plates, etc.

MACHEREY-NAGEL TLC products are an alternative for common TLC products e.g., from MERCK or (discontinued) Whatman®.



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