

MACHEREY-NAGEL

Sample preparation with *NANOCOLOR*[®] membrane filtration kits

NEW:
Refill pack with
500 filters!



Syringe filter for maximum clarity

- Removal of unwanted turbidity
- Tested for blank values
- Fast, pressureless filtration thanks to the GF/PET combination filter

Water Analysis

MACHEREY-NAGEL

www.mn-net.com



Sample preparation with NANOCOLOR® membrane filtration kits

Clear results through effective turbidity removal

In photometric water analysis, turbidity is a major source of error. NANOCOLOR® filtration solutions offer a quick way to remove particles immediately before measurement. While the GF/PET filters enable low-effort and time-saving filtration even with problematic wastewater samples, our PET syringe filters ensure maximum purity. By specifically testing for blank values—including for ammonium, nitrate, and phosphate, as well as COD, TOC, and SAK₂₅₄ for the 0.45 µm filters—interfering influences are reliably eliminated. The result is precise, reproducible measurement values thanks to optimally tailored sample preparation.

Full power, no thumb cramps

Heavily contaminated wastewater or samples rich in particles quickly push standard filters to their limits. The NANOCOLOR® Set GF/PET (REF 91601) was developed specifically to meet these challenges. The secret lies in the two-stage design of the filter unit:

- Integrated glass fiber prefilter (GF): It acts as a protective barrier, trapping larger particles and turbidity before they reach the fine membrane.
- Precision polyester membrane (PET): In the second step, the 0.45 µm PET membrane ensures the final, high-precision filtration of the sample.

Your benefits

- **Precision:** Prevents measurement errors caused by interfering turbidity.
- **Efficiency:** Rapid sample filtration directly into the cuvette.
- **Complete set:** Ready to use, including syringes and filters.

Order Information

NANOCOLOR® Membrane Filtration Kit GF/PET

REF	Pore size	Membrane Ø	Content	20 mL syringe	Refill pack
91601	1.0/0.45 µm	25 mm	25	■	
91602	1.0/0.45 µm	25 mm	50		■
91602.2	1.0/0.45 µm	25 mm	100		■
91602.1	1.0/0.45 µm	25 mm	500		■

NANOCOLOR® Membrane Filtration Kit PET

REF	Pore size	Membrane Ø	Content	20 mL syringe	Refill pack
91650	0.45 µm	25 mm	25	■	
91652	0.45 µm	25 mm	50		■
91652.2	0.45 µm	25 mm	100		■
91652.1	0.45 µm	25 mm	500		■

NANOCOLOR® Membrane Filtration Kit PET

REF	Pore size	Membrane Ø	Content	20 mL syringe	Refill pack
916511	1.2 µm	25 mm	25	■	
916513	1.2 µm	25 mm	50		■
916513.1	1.2 µm	25 mm	500		■

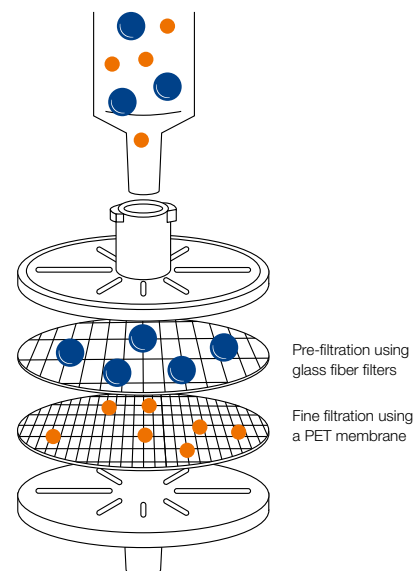
More types available upon request!

See for yourself and request a free sample!

Sample preparation

Membrane filtration is the ideal method of sample preparation for photometric water analysis. Simply combine it with the NANOCOLOR® test kits for reliable analysis.

Functioning of the GF/PET combination filter:



www.mn-net.com

MACHEREY-NAGEL



MACHEREY-NAGEL GmbH & Co. KG · Valencienner Str. 11 · 52355 Düren · Germany

DE +49 24 21 969-0 info@mn-net.com

CH +41 62 388 55 00 sales-ch@mn-net.com

FR +33 388 68 22 68 sales-fr@mn-net.com

US +1 888 321 62 24 sales-us@mn-net.com