Water Analysis

MACHEREY-NAGEL

VISOCOLOR® Powder Pillows



Reagents for photometric water analysis

- Maximum stability
- Open easily, pour perfectly
- For MACHEREY-NAGEL photometers
- Also suitable for selected Hach * and HANNA ** photometers



VISOCOLOR® Powder Pillows – Precision in a pillow

Photometric reagents Powder Pillows

VISOCOLOR® Powder Pillows are photometric tests that combine easiest dosing of reagents with high photometric performance. Each *VISOCOLOR*® Powder Pillow contains the amount of reagents needed for a determination. The individually packaged portions not only stand out due to their very long shelf life, but also avoid the use of hazardous substances wherever possible. Easy to understand test instructions with pictograms in 6 languages are available on the MACHEREY-NAGEL homepage (*www.mn-net.com*). *VISOCOLOR*® Powder Pillows can be evaluated on the compact photometers PF-12^{Plus}, PF-3 and spectrophotometers *NANOCOLOR*® Advance, *NANOCOLOR*® *VIS* II and *NANOCOLOR*® $^{UV}/_{VIS}$ II.

How it's done

Application *VISOCOLOR*® Powder Pillows



Fill with sample | Add Powder Pillow | Mix | Wait | Measure

Good to know

VISOCOLOR® Powder Pillows are ready to use in Hach and Hanna Instruments methods!

- free chlorine: For HACH* methods 10069, 10245, 8021 and HANNA** Checker® HI 701
- total chlorine: For HACH* methods 10070, 10250, 8167 and HANNA** Checker® HI 711





Easy use on other photometers

Most *VISOCOLOR*® Powder Pillows are not only usable in MACHEREY-NAGEL photometers. They can be utilized for analyses with other photometers as well (e.g. HACH* DR900, DR3900, DR6000). They are ready to use right out of the bag with the pre-programmed methods. No further calibration is needed.

Ordering information

Test	REF	Number of tests	Measuring range	Shelf life	Method	Spectrophotometers	PF-12^{Plus}	PF-3 Pool	PF-3 Drinking Water	PF-3 Soil	PF-3 Fish	Other photometers	GHS
Ammonium [3]	936229	100	0.02–0.80 mg/L NH_4-N	3 years	Berthelot	■	■		■	■	■	■	
Chlorine, free	936220 936220.1	100 1000	0.03–6.00 mg/L Cl_2	5 years	DPD	■	■	■	■		■	■	
Chlorine, total; Ozone	936221 936221.1	100 1000	0.03–6.00 mg/L Cl_2 0.03–4.00 mg/L O_3	5 years	DPD	■	■	■	■		■	■	
Iron	936227	100	0.03–3.00 mg/L Fe	3 years	Phenanthroline	■	■	■	■			■	■
Nitrate	936226	100	1.0–50.0 mg/L NO_3-N	3 years	Azo dye	■	■	■	■			■	■
Nitrite	936230	100	0.01–0.30 mg/L NO_2-N	5 years	Diazotation	■	■	■	■		■	■	■
pH	936222	100	pH: 6.2–8.2	5 years	Mixed indicator	■	■	■	■				
Phosphate	936228	100	0.02–4.5 mg/L PO_4	3 years	Phosphomolyb-denum blue	■	■			■	■	■	■
Silica LR[1]	936224	100	0.02–2.10 mg/L SiO_2	3 years	Silicomolybdenum blue	■	■	■	■		■	■	■
Silica HR[1] [2]	936225	100	2–210 mg/L SiO_2	3 years	Silicomolybdenum blue	■	■	■	■		■	■	■
Sulfate	936223	100	15–200 mg/L SO_4^{2-}	5 years	Barium sulfate	■	■	■	■				■

[1] Measuring range for photometric evaluation on *NANOCOLOR*® *VIS* II. Range on other photometers can be different.
[2] For evaluation with the PF-12^{Plus}, a special filter (450 nm) is required.
[3] A special procedure is needed on HACH * photometers, please contact MACHEREY-NAGEL.
GHS: Globally harmonized system: This product contains harmful substances which must be specially labeled as hazardous. For detailed information please see the SDS.
* HACH is a registered trademark of HACH company, Loveland, Colorado. The *VISOCOLOR*® product is neither endorsed, nor sponsered by or affiliated with the HACH Company.
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www.mn-net.com

MACHEREY-NAGEL

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Management System
EN ISO 13485:2016
ISO 9001:2015
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