

MACHEREY-NAGEL

NANOCOLOR[®] COD Test kits

gemäß
according to
**ISO
15705**



Safe, safer, NANOCOLOR[®]

- Low risk working procedure for the user
- No dichromate and mercury vapors
- No control measurements necessary

Water Analysis

MACHEREY-NAGEL

www.mn-net.com



NANOCOLOR® COD

Safe COD analysis

No hazards during determination with NANOCOLOR® COD tests

Does a COD determination mean that you put yourself in danger? Not with COD test kits from MACHEREY-NAGEL! An independent testing institute, Eurofins, examined the hazard potential of our NANOCOLOR® COD tests. They confirmed that our NANOCOLOR® COD 1500 test is safe for the user, although it is the one with the highest concentration of potassium dichromate from our product range. No mercury or dichromate contamination can be detected in the ambient air, even in the unlikely event that NANOCOLOR® COD tubes are open and boiled without their screw cap during decomposition.

With these results we, MACHEREY-NAGEL, underline our high standards for your safety. We continue to do everything we can to ensure this.



Measurements with NANOCOLOR® COD 1500

For this experiment, 48 determinations each of NANOCOLOR® COD 1500 were carried out according to the instruction with and without screw caps.

	Basic loading	Basic loading	With screw cap	With screw cap	Without screw cap	Without screw cap
Unit	mg/m ³	mg/m ³	mg/m ³	mg/m ³	mg/m ³	mg/m ³
Parameter	Dichromate	Mercury	Dichromate	Mercury	Dichromate	Mercury
Measurement result in ambient air	<0.001	<0.000033	<0.001	<0.000033	<0,001	<0.000033

Ordering informations

Test		Measuring range	REF
COD 40	ISO 15705	2–40 mg/L O ₂	985027
COD 60	ISO 15705	5–60 mg/L O ₂	985022
COD LR 150	ISO 15705	3–150 mg/L O ₂	985036
COD 160	ISO 15705	15–160 mg/L O ₂	985026
COD 160 Hg-free		15–160 mg/L O ₂	963026
COD 300		50–300 mg/L O ₂	985033
COD 600	ISO 15705	50–600 mg/L O ₂	985030
COD HR 1500	ISO 15705	20–1500 mg/L O ₂	985038
COD 1500	ISO 15705	100–1500 mg/L O ₂	985029
COD 1500 Hg-free		100–1500 mg/L O ₂	963029
COD 4000		400–4000 mg/L O ₂	985011
COD 10000		1.00–10.00 g/L O ₂	985023
COD 15000		1.0–15.0 g/L O ₂	985028
COD 60000		5.0–60.0 g/L O ₂	985012

All listed products contain hazardous substances subject to labeling. Please refer to the safety data sheets for detailed information.

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MACHEREY-NAGEL



Management System
EN ISO 13485:2016
ISO 9001:2015

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