

Certificate

February 2023

DIN ISO 15705 conformity of NANOCOLOR® tube tests

Parameter	REF
COD 40	985027
COD 60	985022
COD LR 150	985036
COD 160	985026
COD 600	985030
COD 1500	985029
COD HR 1500	985038

Hereby we confirm that the above mentioned tube tests from MACHEREY-NAGEL correspond in all points with the

DIN ISO 15705

Water quality – Determination of the chemical oxygen demand index (ST-COD) –
Small- scale sealed tube method.

	MACHEREY-NAGEL	DIN ISO 15705
Reagents	Sulfuric acid Potassium dichromate Silver sulfate Mercury sulfate	Sulfuric acid Potassium dichromate Silver sulfate Mercury sulfate
Sample volume	2.00 mL	2.00 ± 0.02 mL
Digestion	Temperature: 148 °C / 150 °C Time: 2 h	Temperature: 150 ± 5 °C Time: 2 h ± 10 min
Wavelengths for photometric determination	2 - 40 mg/L O ₂ 345 / 350 nm 5 - 60 mg/L O ₂ 345 / 350 nm 3 - 150 mg/L O ₂ 436 nm 15 - 160 mg/L O ₂ 436 nm 50 - 600 mg/L O ₂ 605 / 620 nm 100 - 1500 mg/L O ₂ 605 / 620 nm 20 - 1500 mg/L O ₂ 605 / 620 nm	to 50 mg/L O ₂ 348 ± 15 nm to 50 mg/L O ₂ 348 ± 15 nm to 150 mg/L O ₂ 440 ± 20 nm to 150 mg/L O ₂ 440 ± 20 nm to 1500 mg/L O ₂ 600 ± 20 nm to 1500 mg/L O ₂ 600 ± 20 nm to 1500 mg/L O ₂ 600 ± 20 nm

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