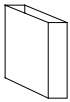
Test 1-39 Colour

(DIN or Hazen)



Standard test

Method: Photometric determination of the Hazen colour (APHA Platinum-Cobalt-Chloride Standards) or the colour at different wavelengths

			Method
Ranges:	**50 mm** cuvette	5 – 500 mg/l Pt (units on the Hazen colour scale)	**1391**
	Results shown as spectral absorbance coefficient in accordance with the German Standard Methods (DIN):		
	Colour in m^{-1}	0.2 – 20.0 ^{1}/m ($\Delta\lambda$ = 10 nm)	
	at 436 nm		**1392**
	at 520 nm		**1393**
	at 620 nm		**1394**

Wavelengths: **436, 520** or **620** nm

Interferences: Turbid solutions must first be filtered (membrane filter kit 0.45 µm, Cat. No. 916 50). Should the turbidity reading also be required as a comparison, then the difference between the test results before and after filtration can be used.

Procedure: Pour directly into two separate dry cuvettes

Sample	Blank value
test sample	distilled water

Measurement: Call up method **139**
Perform measurement
The method can be applied for the analysis of sea water.

Reference: Standard Methods for the Examination of Water and Waste Water, APHA (American Public Health Association), AWWA (American Water Works Association), WEF (Water Environment Federation), 18th Edition 1992
German standard methods for the examination of water, waste water and sludge (DIN EN ISO 7887 C1)