APC114 COD Chemical Oxygen Demand

MR 150 - 1000 mg/L

DOC312.53.94333

Principle

Oxidizable substances react with sulphuric acid – potassium dichromate solution in the presence of silver sulphate as catalyst. Chloride is masked by mercury sulphate. The green coloration of Cr³+ is evaluated.

Range of Application

Waste water, process analysis, soils

Interferences

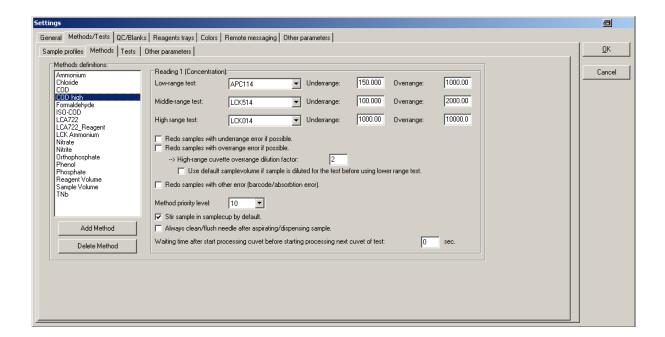
The method can be used for samples (or diluted samples) with chloride concentrations of up to 1500 mg/L.

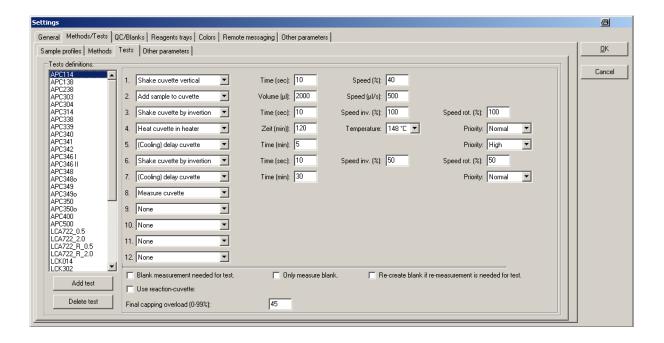
The measurement results must be subjected to plausibility checks (dilute and/or spike the sample).

Sample Volume 2 mL Digestion Temperature/Time 148 °C/2h

Method Library:

APC114 COD is pre-programmed in the method library. Please check under Settings/Software/Application/Methods **COD High** and Tests **APC114**





Run the APC114 COD method

Create a Run like described in the QUICK GUIDE

- Place the APC114 cuvettes according to the settings in the Software in the cuvette racks.
- Place the samples according to the settings in the Software in the sample racks
- Check if enough Rinsing/Dilution water is available
- · Initialize the AP 3900 multi and the Dispenser