APC314 COD
Chemical Oxygen Demand
MR 15 – 150 mg/L

DOC312.53.94338

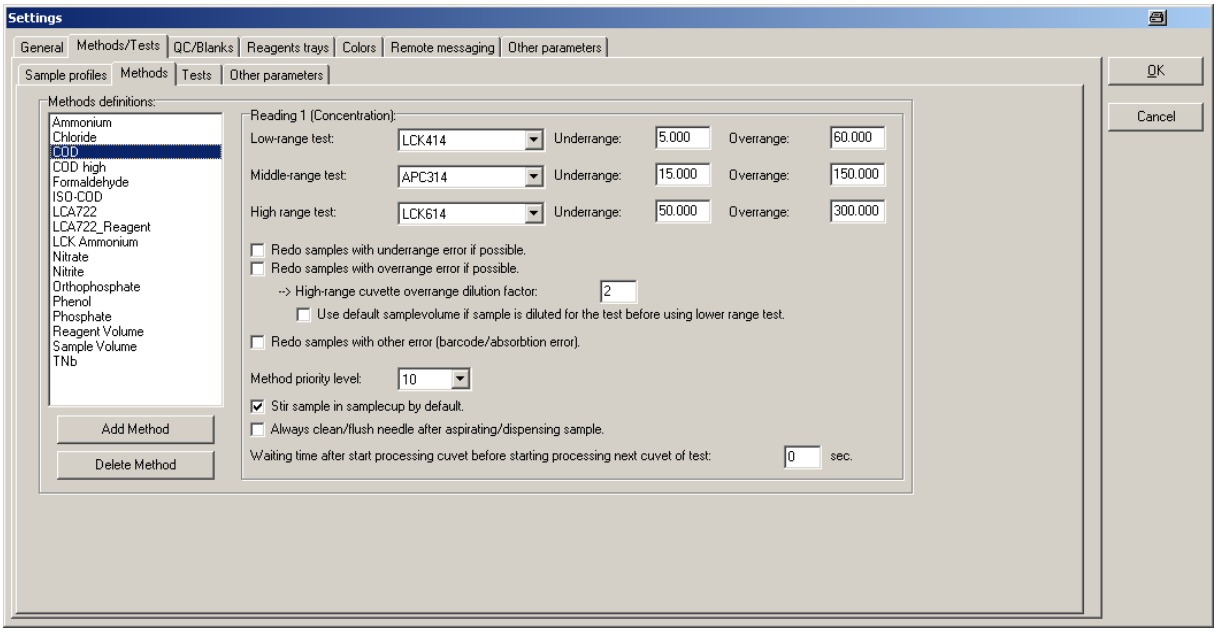
Principle
Oxidizable substances react with sulphuric acid – potassium dichromate solution in the presence of silver sulphate as catalyst. Chloride is masked by mercury sulphate. The reduction in the yellow coloration of Cr^{6+} is evaluated.

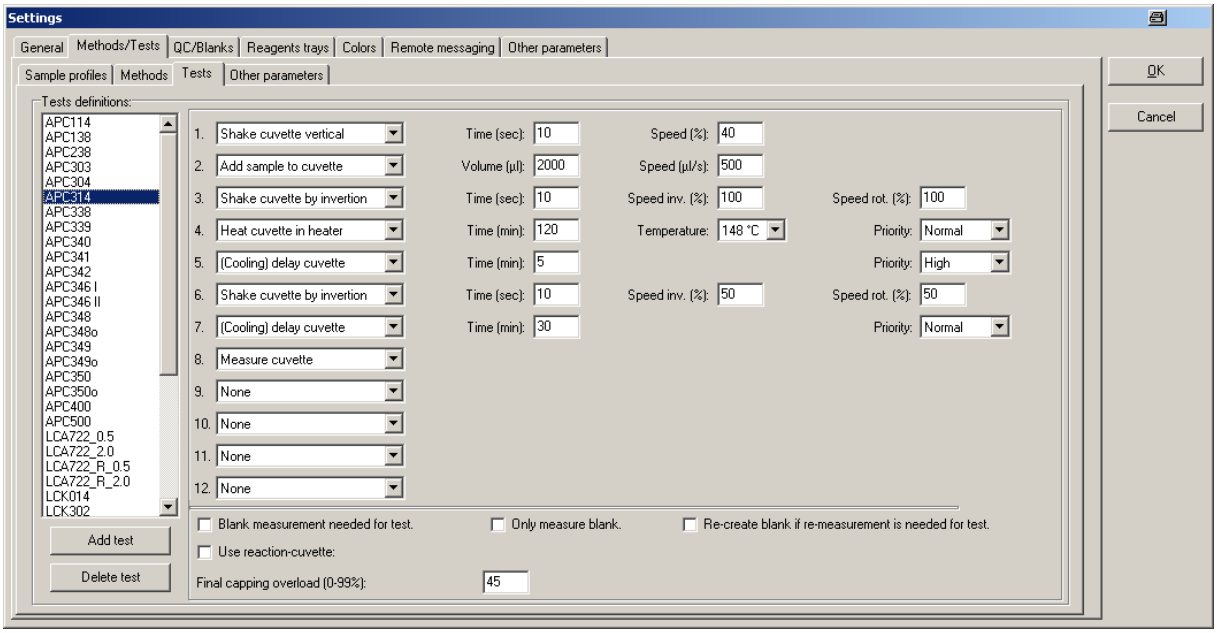
Range of Application
Waste water, process analysis

Interferences
The method can be used for samples (or diluted samples) with chloride concentrations of up to 1500 mg/L.
A large excess of COD can cause result displays within the measuring range. It is advisable to carry out a plausibility check by making dilutions.
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:
APC314 COD is pre-programmed in the method library. Please check under Settings/Software/Application/Methods **COD** and Tests **APC314.**





Run the APC314 COD method

Create a Run like described in the QUICK GUIDE

- Place the APC314 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

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