## CW2130 Colorimeter for Iron



30-90% rel. humidity (non-condensing). DIN EN 55 022, 61 000-4-2, 61 000-4-8, 50 082-2, 50 081-1, DIN V ENV 50 140, 50 204

CE:

## If necessary, request safety data sheets.

Ensure proper disposal of reagent solutions.

correct

wrong

 Calibration mode User calibration Press MODE key andkeep it depressed . Switch unit on using ON/OFF key. Release MODE key after approx. 1 second. CAL The display shows the following in alternating mode: depressed . FE.1 Perform zero calibration (see "Operation"). Press the ZERO/TEST key. Test - METHOD -The method symbol flashes for approx. 3 seconds. 0.0.0 SEL The display shows the following in alternating mode: CAL CAL Place the calibration standard to be used in the sample or: chamber with the  $\Delta$  and  $\nabla$  marks aligned. Test Press the ZERO/TEST key. METHOD SEL The method symbol flashes for approx. 3 seconds. RESULT cAL key.) The result is shown in the display, alternating with CAL. CAL If the result displayed corresponds with the value of the calibration standard (within the tolerance quoted), exit calibration mode by pressing the ON/OFF key. Otherwise, pressing the MODE key once increases the SEL displayed value by 1 digit. CAL Pressing the ZERO/TEST key once decreases the displayed value by 1 digit. Tes CAL Pressing the relevant key until the displayed value equals the value of the calibration standard. RESULT + x By pressing the ON/OFF key, the new correction factor is calculated and stored in the user calibration software. User notes E 10 . Confirmation of calibration (3 seconds). E 70 E 71 User calibration incorrect / erase Note It is not necessary to make a calibration of the FE.2-range as • Replacement Reagents the software refer to the calibration of the FE.1-range. Iron LR tablet pk 100 Ref: TT/51.53.20 CAL Factory calibration active. Choice, Service and Tru cAL Calibration has been set by the user.

Recommended calibration value .

Iron: between 0,3 and 0,7 mg/





## Camlab Water CW2060 Hydrazine Colorimeter

Reference CW/20.73.00



Troubleshooting: Guidelines for photometric measurements

- 1. Vials, stoppers and stirring rods should be cleaned thoroughlyafter each analysis to prevent errors being carried over. Even minor reagent residues can cause errors in the test results. Use the brush provided for cleaning
- 2. The outside of the vial must be clean and dry before starting the analysis. Fingerprints or droplets of water on the sides of the vial can result in errors
- 3. Zero calibration and test must be carried out with the same vial as there may be slight differences in optical performance between vials.
- 4. The vials must be positioned in the sample chamber for zero calibration and test with the graduations facing toward the housing mark.
- 5. Zero calibration and test must be carried out with the sample chamber lid closed
- 6. Bubbles on the inside of the vial may also lead to errors. In this case, fit the vial with a clean stopper and remove bubbles by swirling the contents before starting test.
- 7. Avoid spillage of water in the sample chamber. If water should leak into the photometer housing, it can damage electronic components and cause corrosion
- 8. Contamination of the windows over the light source and photo sensor in the sample chamber can result in errors. If this is suspected check the condition of the windows.
- 9. The reagent tablets should be added to the water sample without being handled
- 10.Large temperature differentials between the photometer and the operating environment can lead to incorrect measurement due to, for example, the formation of condensate in the area of the lens or on the
- 11. To avoid errors caused by stray-light do not use the instrument in bright sunlight

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Iron II LR tablet pk 100

Bef: TT/51.54.20