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Control Procedure
Ormecon PCB 7000

Ref: 7000/003
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- 1) Replenishment
 - a) Add 6ml for PCB7000 Concentrate and 3ml of PCB7000 Buffer per m² panel processed.
 - b) Maintain solution volume with de-min water.
 - c) Analyse for PCB7000 (using the following method) after each 50m² panel processed & replenish accordingly.
- 2) Analysis
 - A) PCB7000-
 - i) Add 20ml of PCB7000 solution to a 100ml volumetric flask.
 - ii) Top up to 100ml with de-min water.
 - iii) Measure absorbance at 430nm (E2) using de-min water as a blank.
 - iv) Measure absorbance at 800nm (E8) using de-min water as a blank.

Calculation

$$\% \text{PCB7000} = \frac{(E2 \div 0.4) \times 100 + (E8 \div 0.3) \times 100}{2}$$

Control

Maintain PCB7000 at 70-120%
Optimum 100%

B) pH

Measure pH of PCB7000 solution at 20°C

Control

Maintain pH between 1.3 – 2.7
Optimum 2.0