

# Special Documentation **CY80PH**

Mixing reagents  
For Liquiline System CA80PH



# 1 Safety Instructions

## NOTICE

**Chemicals can irritate the skin and eyes and cause serious injury!**

- ▶ Wear protective goggles, protective gloves and a lab coat when working with chemicals.
- ▶ Avoid any skin contact with chemicals.
- ▶ Comply with instructions in the safety data sheets for the chemicals used.

Information regarding the shelf life

- ▶ Mix reagents directly before use.
- ▶ If several reagent sets are ordered: store individual components of the reagent unmixed.

## 2 Scope of delivery

- Labels for marking the ready-to-use reagents
- 1 printed version of Special Documentation
- Order version CY80PH-\*\*SA
  - 1 × component 1 RK (1000 ml (33.8 fl oz) bottle)
  - 1 × reagent RB ready-to-use (1000 ml (33.8 fl oz) bottle)
- Order version CY80PH-\*\*SB
  - 1 × component 1 RK (1000 ml (33.8 fl oz) bottle)
  - 1 × component 1 RB (1000 ml (33.8 fl oz) bottle)
  - 1 × component 2 RB (100 ml (3.38 fl oz) bottle)
  - 1 × component 3 RB (100 ml (3.38 fl oz) bottle)

## 3 Materials

### CY80PH-\*\*SB

Prepare the following materials and tools:

- 2 beakers, 200 ml (6.76 fl oz)
- 1 funnel
- 2 glass rods
- 1350 ml (45.6 fl oz) deionized water (warmer than 15 °C (59 °F))

### CY80PH-\*\*SA

Prepare the following materials and tools:

- 950 ml (32.1 fl oz) deionized water (warmer than 15 °C (59 °F))

## 4 Reagent set CY80PH-E1+SB

### 4.1 Mixing

#### 4.1.1 Reagent RB

Starting products: Component 1, reagent RB; component 2, reagent RB; component 3, reagent RB

1. Place component 2 in a 200 ml (6.76 fl oz) beaker.
2. Fill with deionized water up to 200 ml (6.76 fl oz).
3. Stir using a glass rod until the solution is homogeneous.
4. Using a funnel, transfer the contents of the beaker into the 1 liter (33.8 fl oz) bottle (provided). This bottle already contains component 1.
5. Shake the sealed bottle well.
6. Place component 3 in the unused beaker.
7. Fill with deionized water up to 200 ml (6.76 fl oz).
8. Stir using a glass rod until the solution is homogeneous.
9. Using a funnel, transfer the contents of the beaker into the 1 liter (33.8 fl oz) bottle.
10. Shake the sealed bottle well.
11. Mark the expiration date on the label for the ready-to-use reagent.
12. Attach the label for the ready-to-use reagent to the black safety bottle.



Store reagent RB in a cool place away from light.

Normal coloring: Colorless; following advanced decomposition: Bluish

#### 4.1.2 Reagent RK

Starting products: Component 1, reagent RK

1. Open the black safety bottle.
2. Pour 950 ml (32.1 fl.oz) deionized water into the bottle.
3. Seal the black safety bottle.
4. Shake the bottle well for several minutes until the powder has completely dissolved.
5. Leave to stand for 5 minutes.
6. Repeat steps 4 and 5.
7. Mark the expiration date on the label for the ready-to-use reagent.
8. Attach the label for the ready-to-use reagent to the black safety bottle.

9. When using an analyzer with a cooling system, place the reagent in the cooled compartment of the bottle tray.



Store reagent RK in a cool place away from light.

Normal coloring: Colorless; following advanced decomposition: Dark brown to black

## 4.2 Shelf life

Ready-to-use reagent

6 months, chilled



Under unfavorable ambient conditions, the shelf life of the reagents can expire even before the reagents are consumed.

# 5 Reagent set CY80PH-E1+SA

## 5.1 Mixing

1. Mix reagent RK as described in Section 1.
2. Use ready-to-use reagent RB.

## 5.2 Shelf life

Ready-to-use reagent

12 months



Under unfavorable ambient conditions, the shelf life of the reagents can expire even before the reagents are consumed.









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