

## Method Z041 – pH 6.5-8.5

### Specification

Description: Test for determining the pH-value in fresh water  
 Range: 6,5 – 8,5 pH  
 Resolution: 0,1 pH  
 Wavelength: 520 nm

### Reagent set

Product Code	Description	List of components
8041	Set of reagents for method Z041, pH 6.5-8.5 (reagents for approx. 50 tests)	<ul style="list-style-type: none"> <li>✓ Blister with tablets pH 6.5-8.5 – 5 pcs.</li> <li>✓ crusher</li> </ul>

### Performing the measurement

- Select the **Z041 pH 6.5-8.5** method (Methods → Select method → Z041 pH 6.5-8.5).  
 How to select the method, see [8.1 Choosing method](#).

**NOTE:**

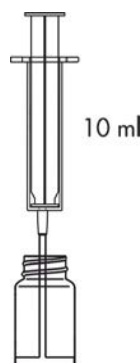
*It is recommended to use the GUIDE system. It will provide you with step-by step basic instruction how to perform measurement. To enable this function press the button **GUIDE**.*

- Rinse the vial and the syringe three times with the tested water.

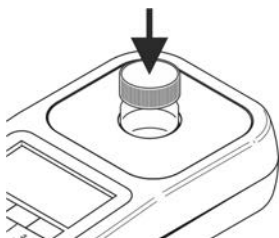
Take exactly 10 ml of the tested water with the syringe and pour into the vial.

**NOTE:**

*Make sure no air bubbles are present in the syringe. Trapped air bubbles can affect accuracy of the measurement.*



- Insert the vial into the round vial holder and press the **ZERO** key. The display will show **"-0.0-"**, which means the device is ready for measurement.



26 08 20		12:35	
pH	Z041 pH 6.5-8.5	tag 1	
<b>Measuring ...</b>			
←	ZERO	GUIDE	→

26 08 20		12:35	
pH	Z041 pH 6.5-8.5	tag 1	
<b>-0.0- pH</b>			
ZERO	MEAS	GUIDE	

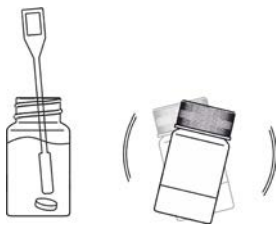
**NOTE:**

*Before starting the measurement, it is highly recommended to make sure the test vial is clean and dry. Liquid residues remaining on the vial walls may adversely affect reliability of results.*

4. Add one pH 6.5-8.5 tablet into the vial with water.



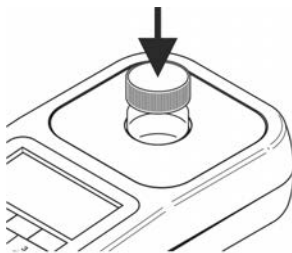
5. Crush the tablet in the vial with the crusher, recap the vial and shake until the tablet has dissolved.



6. Wait 15 seconds before measuring.



7. Insert the vial into the round vial holder and press the MEAS key to take a measurement. The result is displayed in pH.



26 08 20		12:36	
pH	Z041 pH 6.5-8.5		
	tag 1		
<b>Measuring...</b>			
ZERO	MEAS	GUIDE	

26 08 20		12:36	
pH	Z041 pH 6.5-8.5		
	tag 1		
<b>7.5 pH</b>			
ZERO	MEAS	GUIDE	REC