Titration and measuring

Method . . . . . Alkalinity_Op
Method saving date . . . . . 2018-06-06 14:41:49 UTC+3
Method version 2
Method group . . . . . Main group
Method status . . . . . original
Method saved by (full name) . . . . .
Method saved by (short name) . . . . . Owner

MEAS pH **MEAS init pH**

General/Hardware

Device

Device name . . . . . 855_1
Device type . . . . . 855 Robotic Titrosampler

Sensor

Measuring input 1
Sensor . . . . . pH electrode
Temperature measurement . . . . . automatic

Stirrer

Stirrer 1
Stirring rate 5
Switch off automatically . . . . . on

Measuring parameters

Measurement

Measurement with drift control . . . . . on
Signal drift . . . . . 1 mV/min
Min. waiting time . . . . . 30 s
Max. waiting time . . . . . 154 s
Measuring interval . . . . . 2.0 s
Stop measured value pH . . . . . off
Measurement without drift control . . . . . off

Temperature

Temperature . . . . . 20 °C

Evaluations

Fixed endpoint evaluation . . . . . off
Minimum evaluation . . . . . off
Maximum evaluation . . . . . off
Break point evaluation . . . . . off

Additional measured values

Additional calculated measured values . . . . . off
Additional external measured values . . . . . off

DET pH **DET pH**

General/Hardware

Device

Device name . . . . . 855_1

Device type	855 Robotic Titrosampler	
Dosing device		
Dosing device	2	
Solution	HCl	
Sensor		
Measuring input	1	
Sensor	pH electrode	
Temperature measurement	automatic	
Stirrer		
Stirrer	1	
Stirring rate	5	
Switch off automatically	on	
Start conditions		
Initial measured value		
Signal drift	off	mV/min
Min. waiting time	0	s
Max. waiting time	1	s
Start volume		
Start volume	1.5	mL
Dosing rate	maximum	mL/min
Start measured value		
Start measured value pH	off	
Dosing rate	5	mL/min
Start slope		
Start slope	off	pH/mL
Dosing rate	5	mL/min
Pause		
Pause	0	s
Titration parameters		
Titration rate		
Titration rate	fast	
Temperature		
Temperature	20	°C
Stop conditions		
Stop volume	10	mL
Stop measured value pH	2.8	
Stop EP	1	
Volume after EP	1	mL
Stop time	off	s
Filling rate	maximum	mL/min
Potentiometric evaluation		
Evaluation without window	off	
Evaluation with measured value window (pH)	on	

Lower limit pH	Upper limit pH	EP criterion	EP recognition
3	5	7	greatest

Evaluation with volume window (mL) . . . . . off

Additional evaluations

Fixed endpoint evaluation . . . . . off
pK/HNP evaluation . . . . . off
Minimum evaluation . . . . . off
Maximum evaluation . . . . . off
Break point evaluation . . . . . off
Gran evaluation . . . . . on
Procedure . . . . . Standard
Initial volume . . . . . 0.2 mL
Lower limit pH . . . . . -20.0
Upper limit pH 20.0

Additional measured values

Additional calculated measured values . . . . . off
Additional external measured values . . . . . off