

Method data

Method name: Alkalinity preT7.5[1] Titration duration: 4 m 10 s End date: 08/09/19 End time: 14:23:05

Titration data

Sample ID: Day15\_19\_08\_09\_Prob28 Weight: 1.00000 g
Start pH: pH 8.030 End pH: pH 3.486
Start temperature:  $26.0 \, ^{\circ}\text{C}$  (a) End temperature:  $26.2 \, ^{\circ}\text{C}$  (a)

Zero point: pH 6.84 / -9.0 mV Slope: 98.3 % / -58.2 mV/pH (e)

EP: 9.6100 ml / pH 3.490 Result: 9.61 ml

Calculation formula

Result: (EP1-B)\*T\*M\*F1/(W\*F2)

Mol (M) 1.00000 Decimal places: 2

Blank value (B): 0.0000 ml Titre (T): 1 (m)
Factor 1 (F1): 1.0000 Weight (W): 1.00000 g (f)

Factor 2 (F2): 1.0000 Statistics: Off

Device: TitroLine 7000 Serial number: 10012653 Software version: 1.18.1121.247 Method data overall view

Method name: Alkalinity preT7.5[1] Created at: 05/23/19 18:25:36

Method type: Automatic titration Last modification: 07/17/19 13:45:20

Measured value: pH Damping settings: None Titration mode: End pt. Documentation: GLP

Linear steps: 0.0200 ml

Measuring speed / drift: Normal minimum holding time: 2 s

maximum holding time: 15 s
Measuring time: 2 s

Drift: 20 mV/min

Initial waiting time: 0 s Stirring titration: free
Stirring start: free Titration direction: Decrease

Pre-titration: 7.5000 ml

Pre-dosing 1: Off Pre-dosing 2: Off

Endpoint pH 3.490 delta endpoint: pH 1.100 Endpoint delay: 0 s

Dosing parameter (Titration data)

Dosing speed 15.00 % (6.00 ml/min) Filling speed 30 s

Maximum dosing volume 50.0000 ml

**Pre-titration** 

Dosing volume:7.5000 mlPre-titration speed:100.00 %Filling speed:30sDelay time:0sStirrer control:freeBurette address:int

Unit size: 20 ml Unit ID: 10043063
Reagent: HCl 0.01M Batch ID: no entry

Concentration: 0.01000 Conc. determined at: 05/19/19 13:07:49

Expire date: -- Opened/compounded: --

Inspection according ISO: -- Last modification: 07/01/19 11:33:48

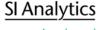
titration burette

Serial number: 10012653 Software version: 1.18.1121.247

Name: TitroLine 7000

**Device information** 

Device: TitroLine 7000
Serial number: 10012653
Software version: 1.18.1121.247



a xylem brand

**Unit values** 

Unit size: 20 ml Unit ID: 10043063 Reagent: HCl 0.01M Batch ID: no entry

Concentration: 0.01000 Conc. determined at: 05/19/19 13:07:49

Expire date: -- Opened/compounded: --

Inspection according ISO: -- Last modification: 07/01/19 11:33:48

Electrode data

Name: A 162 2M-DIN-ID Batch ID: C180706002

Calibration: 08/09/19 9:02:57

**Device information** 

Device: TitroLine 7000 Serial number: 10012653 Software version: 1.18.1121.247