

Method data

Method name: Alkalinity preT7.5[1] Titration duration: 4 m 24 s End date: 08/05/19 End time: 14:37:13

**Titration data** 

 Sample ID:
 Day11\_19\_08\_05\_Prob30
 Weight:
 1.00000 g

 Start pH:
 pH 8.083
 End pH:
 pH 3.488

 Start temperature:
 26.2 °C (a)
 End temperature:
 26.3 °C (a)

Zero point: pH 6.87 / -7.9 mV Slope: 98.2 % / -58.1 mV/pH (a)

EP: 9.6180 ml / pH 3.490 Result: 9.62 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

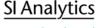
titration burette

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 branc

**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: 08/05/19 8:33:20