

Method data

Method name: Alkalinity\_Gran\_0.1N Titration duration: 9 m 29 s End date: 01/28/22 End time: 13:42:07

Titration data

Sample ID: Axu\_A2\_X Pattern: 50.000 ml
Start pH: pH 8.259 End pH: pH 3.410
Start temperature: 22.4 °C (a) End temperature: 22.8 °C (a)

Zero point: pH 7.10 / 4.4 mV Slope: 92.8 % / -54.9 mV/pH (a)

EP: 1.6770 ml / pH 3.495 TA: 3.380 mmol/l

Calculation formula

TA: (EP1)\*T\*M\*F1/(V/F2)

Mol (M) 1.00780 Decimal places: 3

Titre (T): 0.1 (m) Factor 1 (F1): 1000.0000 Pattern (V): 50.0000 ml (f) Factor 2 (F2): 1.0000

Statistics: Off

Method data overall view

Method name: Alkalinity\_Gran\_0.1N Created at: 05/19/19 13:13:30

Method type: Automatic titration Last modification: 12/10/19 22:31:24

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

Linear steps: 0.0100 ml

Measuring speed / drift: 10 s

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

Pre-titration: Off

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

Endpoint pH 3.495 delta endpoint: pH 1.450 Endpoint delay: 10 s

Dosing parameter (Titration data)

Dosing speed 2.50 % (1.00 ml/min) Filling speed 30 s

Maximum dosing volume 50.0000 ml

titration burette

Serial number: 10012653 Software version: 1.18.1121.247

Name: TitroLine 7000

**Unit values** 

Unit size: 20 ml Unit ID: 10043063
Reagent: HCl 0.1M Batch ID: no entry

Concentration: 1.87500 Conc. determined at: 01/18/22 14:37:30

Expire date: -- Opened/compounded: --

Inspection according ISO: -- Last modification: 01/18/22 14:37:35

Electrode data

Name: SCP-pHT-A170MF-3M-DIN-N Batch ID: B210806001

Calibration: 01/28/22 10:17:51

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