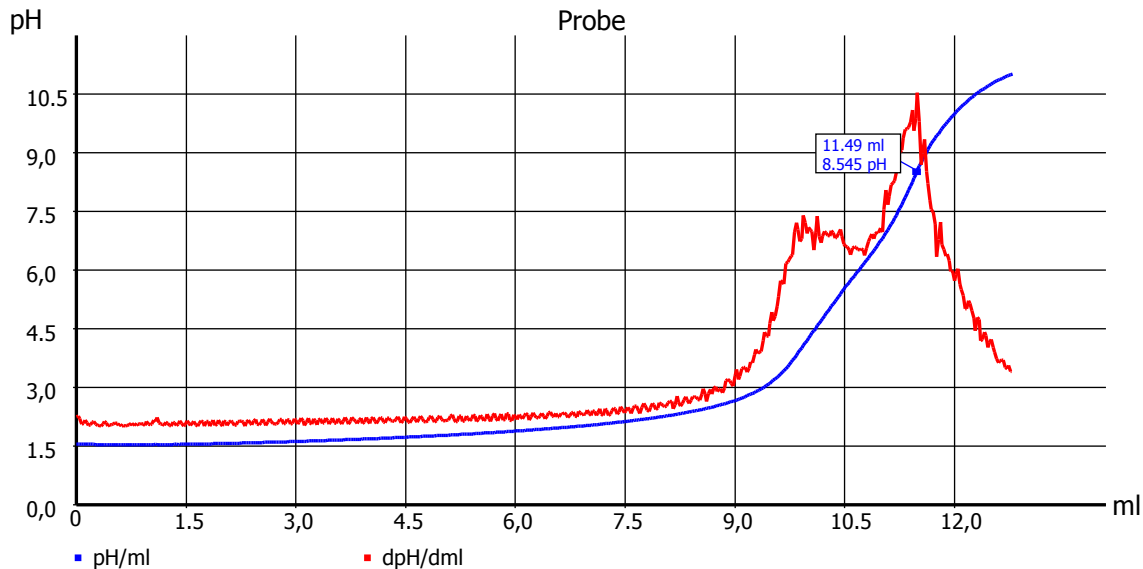


GLP documentation

Titration graph



Method data

| | | | |
|--------------|-------------------|---------------------|-----------|
| Method name: | pH titration NaOH | Titration duration: | 28 m 44 s |
| End date: | 01.12.21 | End time: | 14:26:21 |

Titration data

| | | | |
|--------------------|----------------------|------------------|----------------------|
| Sample ID: | Probe | Weight: | 1.00000 g |
| Start pH: | pH 1.559 | End pH: | pH 11.009 |
| Start temperature: | 24.2 °C (m) | End temperature: | 24.2 °C (m) |
| Zero point: | pH 6.88 / -6.9 mV | Slope: | 98.1 % / -58.0 mV/pH |
| EQ: | 11.495 ml / pH 8.545 | result: | 11.49 ml |

Calculation formula

| | | | |
|------------------|-------------------------|-------------|----------------|
| result: | $(EQ1-B)*T*M*F1/(W*F2)$ | Mol (M): | 1.00000 |
| Blank value (B): | 0.0000 ml | Titre (T): | 1.00000000 (m) |
| Factor 1 (F1): | 1.0000 | Weight (W): | 1.00000 g (f) |
| Factor 2 (F2): | 1.0000 | Statistics: | Off |

Device information

Device: TitroLine 7000
Serial number: 10011279
Software version: 1350

Method data overall view

| | | | |
|--------------------------|---------------------|-----------------------|-------------------|
| Method name: | pH titration NaOH | Created at: | 12/01/21 13:57:31 |
| Method type: | Automatic titration | Last modification: | 12/01/21 13:57:31 |
| Measured value: | pH | Damping settings: | None |
| Titration mode: | Linear | Documentation: | GLP |
| Linear steps: | 0.025 ml | | |
| | | | |
| Measuring speed / drift: | Normal: | minimum holding time: | 02 s |
| | | maximum holding time: | 15 s |
| | | Measuring time: | 02 s |
| | | Drift: | 20 mV/min |
| Initial waiting time: | 2 s | | |
| Titration direction: | Increase | | |
| Pretitration: | Off | | |
| End value: | 11.000 pH | | |
| EQ: | Off | | |

Dosing parameter

| | | | |
|------------------------|----------|----------------|------|
| Dosing speed: | 12.50 % | Filling speed: | 50 s |
| Maximum dosing volume: | 75.00 ml | | |

Unit values

| | |
|--------------------------|-------------------|
| Unit size: | 20ml |
| Unit ID: | 10040187 |
| Reagent: | Na2S2O3 0.1 mol/l |
| Batch ID: | no entry |
| Concentration [mol/l]: | 0.10000 |
| Determined at: | 04/24/14 15:39:23 |
| Expire date: | -- |
| Opened/compounded: | -- |
| Test according ISO 8655: | -- |
| Last modification: | 08/20/21 11:23:57 |

Device information

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Software version: 1350