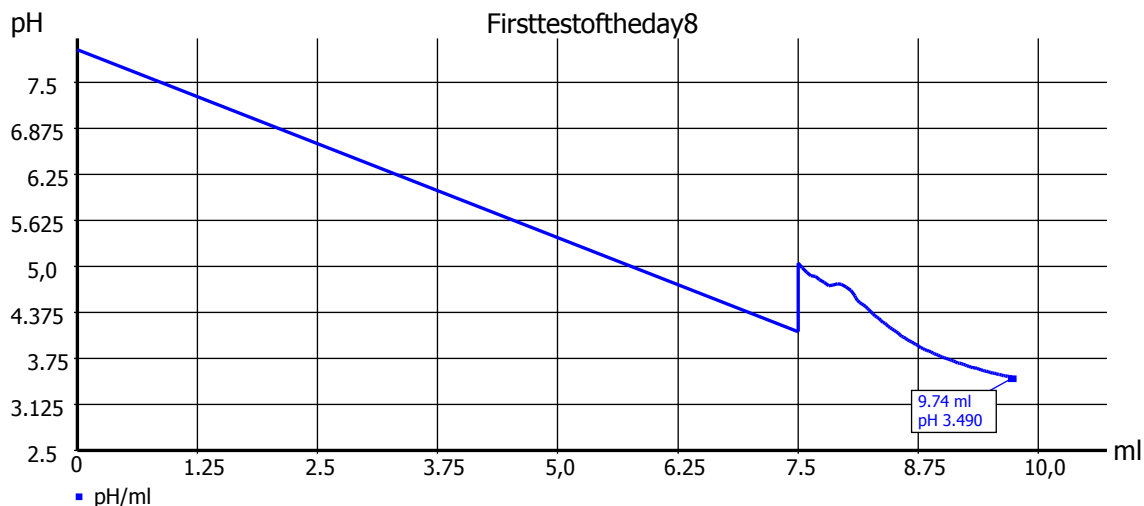


## GLP documentation



### Method data

Method name:	Alkalinity preT7.5[1]	Titration duration:	4 m 31 s
End date:	08/01/19	End time:	8:18:45

### Titration data

Sample ID:	Firsttestoftheday8	Weight:	1.00000 g
Start pH:	pH 7.946	End pH:	pH 3.489
Start temperature:	25.3 °C (a)	End temperature:	25.2 °C (a)
Zero point:	pH 6.85 / -8.8 mV	Slope:	98.1 % / -58.1 mV/pH (a)
EP:	9.7380 ml / pH 3.490	Result:	9.74 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 information

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 ml	Pre-titration speed:	100.00 %
Filling speed:	30s	Delay time:	0s
Stirrer control:	free	Burette 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

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:	08/01/19 8:08:41		

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Device information

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