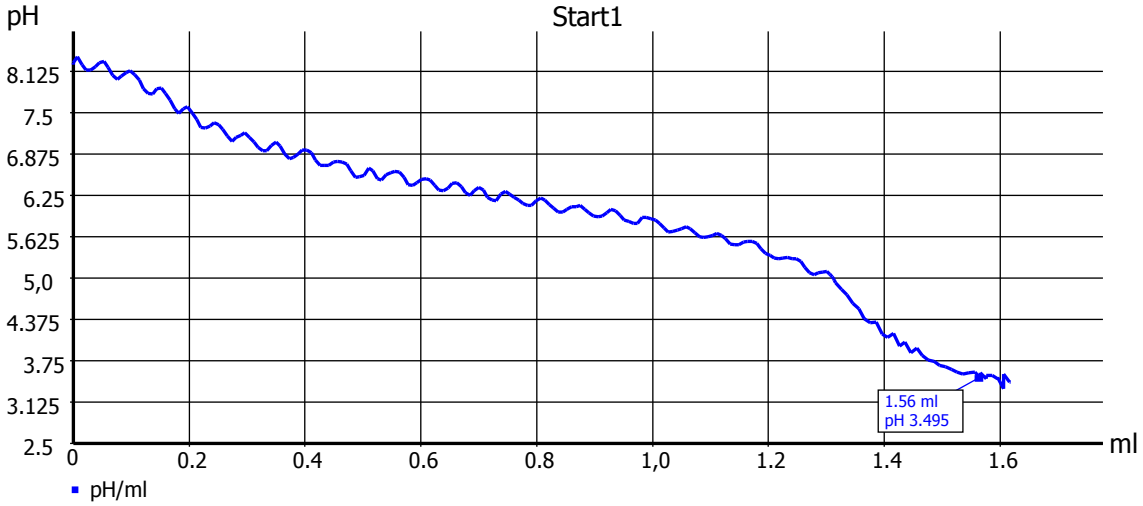
SI Analytics
a xylem brand

GLP documentation



Method data

Method name:	Alkalinity_Gran_0.1N	Titration duration:	9 m 30 s
End date:	01/26/22	End time:	11:03:16

Titration data

Sample ID:	Start1	Pattern:	50.000 ml
Start pH:	pH 8.222	End pH:	pH 3.425
Start temperature:	21.0 °C (a)	End temperature:	21.5 °C (a)
Zero point:	pH 7.16 / 7.7 mV	Slope:	93.1 % / -55.1 mV/pH (a)
EP:	1.5650 ml / pH 3.495	TA:	3.154 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		

Device information

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

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:	free	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:	01/26/22 10:16:43		

Device information

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