Results Editor

LabX
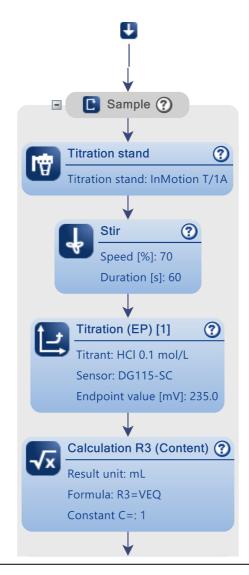
Method Silbiger TA (EP)r1

Name	Value
Section: Method	
Category: Identification	
ID	00002r1
Type	General Titration
Version	8
Internal ID	M55
Name	Silbiger TA (EP)r1
Section: Sample (S1)	
Category: Sample	
Sample type	Sample
Number of IDs	1
ID 1	--
Entry type	Weight
Lower limit [g]	59
Upper limit [g]	61
Density [g/mL]	1.0
Correction factor	0
Temperature [°C]	25.0
Entry	Arbitrary
InMotion reader	None
Number of sample factors	0
Section: Titration stand (Titrationstand1)	
Category: Titration Stand	
Type	InMotion T/Tower A
Titration stand	InMotion T/1A
Head position	Sample
Lid handling	No
Section: Stir (Stir1)	
Category: Stir	
Speed [%]	70
Duration [s]	60
Condition	No
Section: Titration (EP) [1] (TitrationEP1)	
Category: Titrant	
Titrant	HCl
Concentration [mol/L]	0.1
Category: Sensor	
Type	pH
Sensor	DG115-SC
Unit	mV
Category: Temperature Acquisition	
Temperature Acquisition	Yes

Results Editor

Name	Value
Temperature sensor	DT1000
Temperature unit	°C
Category: Stir	
Speed [%]	30
Category: Predispense	
Mode	Potential
Potential [mV]	185
Wait time [s]	240
Category: Control	
Endpoint type	Absolute
Tendency	None
Endpoint value [mV]	235.0
Control band [mV]	50
Dosing rate (max) [mL/min]	0.5
Dosing rate (min) [µL/min]	10
Category: Termination	
At EP	Yes
Termination delay [s]	0
At Vmax [mL]	4.0
Max. time infinite	Yes
Max. time [s]	∞
Category: Accompanying Stating	
Accompanying stating	No
Category: Condition	
Condition	No
Section: Content (R3)	
Category: Calculation	
Result	Content
Result unit	mL
Formula	R3=VEQ
Constant C=	1
M	M[Hydrochloric acid]
z	z[Hydrochloric acid]
Decimal places	3
Result limits	No
Extra statistical functions	No
Send to buffer	No
Write to Smart Tag	None
Condition	No
Section: Content (R1)	
Category: Calculation	
Result	Content
Result unit	g

Results Editor

Name	Value
Formula	R1=m
Constant C=	M/(10*z)
M	M[Hydrochloric acid]
z	z[Hydrochloric acid]
Decimal places	3
Result limits	No
Extra statistical functions	No
Send to buffer	No
Write to Smart Tag	None
Condition	No

Section: Record (Record1)

Category: Report

Report template	Titration report
Print	No
Condition	No

Sample

Titration stand

Titration stand: InMotion T/1A

Stir

Speed [%]: 70

Duration [s]: 60

Titration (EP) [1]

Titrant: HCl 0.1 mol/L

Sensor: DG115-SC

Endpoint value [mV]: 235.0

Calculation R3 (Content)

Result unit: mL

Formula: R3=VEQ

Constant C=: 1

Results Editor

Calculation R1 (Content)

Result unit: g

Formula: R1=m

Constant C=: M/(10*z)

Record

Report template: Titration report