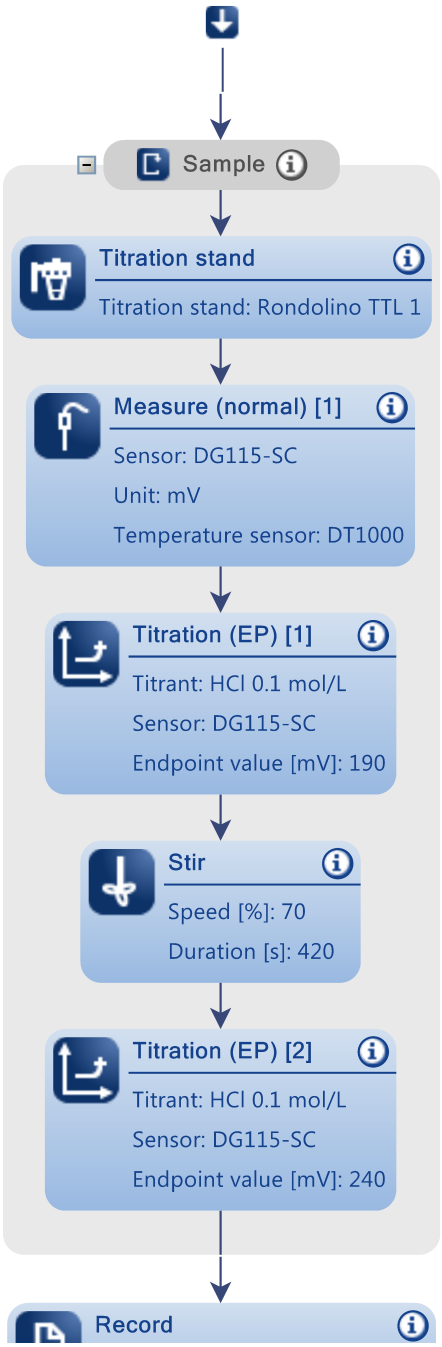
LabX Method Report

Method

Method ID	pH_TA_titration	Name	pH_TA_titration
Internal ID	M34	Version	4
Valid	Yes	Release state	Proposed
User defined label 1			
Can run on blocked instr.	No		

Comment



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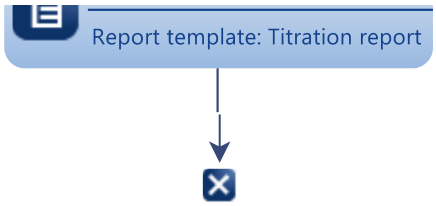

Export templates used

TA_titration	CSV Simple

Sample (S1)

Sample

Number of IDs	3
ID 1	--
ID 2	--
ID 3	--
Entry type	Weight
Lower limit [g]	50
Upper limit [g]	105.0
Density [g/mL]	1.0
Correction factor	1.0
Temperature [°C]	25.0
Entry	Arbitrary

Titration stand (Titrationstand1)

Titration stand

Type	Rondolino TTL
Titration stand	Rondolino TTL 1

Measure (normal) [1] (Measurenormal1)

Sensor

Type	pH
Sensor	DG115-SC
Unit	mV

Temperature acquisition

Temperature acquisition	Yes
Temperature sensor	DT1000
Temperature unit	°C

Stir

Speed [%]	30

Acquisition of measured values

Acquisition	Equilibrium controlled
dE [mV]	0.5

dt [s]	1
t(min) [s]	3
t(max) [s]	30
Mean value	No

Condition

Condition	No

Titration (EP) [1] (TitrationEP1)

Titrant

Titrant	HCl
Concentration [mol/L]	0.1

Sensor

Type	pH
Sensor	DG115-SC
Unit	mV

Temperature acquisition

Temperature acquisition	Yes
Temperature sensor	DT1000
Temperature unit	°C

Stir

Speed [%]	20

Predispense

Mode	None
Wait time [s]	0

Control

Endpoint type	Absolute
Tendency	None
Endpoint value [mV]	190
Control band [mV]	50
Dosing rate (max) [mL/min]	0.5
Dosing rate (min) [µL/min]	10

Termination

At EP	Yes
Termination delay [s]	0
At Vmax [mL]	10
Max. time infinite	Yes
Max. time [s]	∞

Accompanying Stating

Accompanying stating	No

Condition

Condition	No

Stir (Stir1)

Stir

Speed [%]	70
Duration [s]	420
Condition	No

Titration (EP) [2] (TitrationEP2)

Titrant

Titrant	HCl
Concentration [mol/L]	0.1

Sensor

Type	pH
Sensor	DG115-SC
Unit	mV

Temperature acquisition

Temperature acquisition	Yes
Temperature sensor	DT1000
Temperature unit	°C

Stir

Speed [%]	30

Predispense

Mode	None
Wait time [s]	0

Control

Endpoint type	Absolute
Tendency	None
Endpoint value [mV]	240
Control band [mV]	50
Dosing rate (max) [mL/min]	0.5
Dosing rate (min) [µL/min]	10

Termination

At EP	Yes
Termination delay [s]	0
At Vmax [mL]	10
Max. time infinite	Yes
Max. time [s]	∞

Accompanying Stating

Accompanying stating	No

LabX Method Report

Condition

Condition	No

Record (Record1)

Report

Report template	Titration report
Print	No
Condition	No

Signing History

Time	Full name	User login name	Role name	Operation	Comment