



License ID 1955606
Client ID 001-NBK-02361
User Metrohm

Program version viva 3.0 - 69
2024-03-21 15:23:22 UTC+1

Method parameters

Method AB401 Preparation of dosing units
Method saving date 2024-03-21 15:12:25 UTC+1
Method version 1
Method group Main group
Method status original
Method saved by (full name) Metrohm International Headquarters
Method saved by (short name) Metrohm

START

Main track

General

Workplace view

Current view on

Track view for live window

Live display 1 Main track

Live display 2 Main track

Electrode check on

Application note

Enter the number of preparation cycles for each 807 Dosing Unit. If the 807 Dosing Unit should not be prepared, enter 0. 50 mL VMS - Prep cycles – Number of preparation cycles for DU «50 mL VMS» 2 mL Suppressor- Prep cycle – Number of preparation cycles for DU «2 mL Suppressor» 2 mL Brightener- Prep cycle – Number of preparation cycles for DU «2 mL Brightener» 2 mL Standard or sample - Prep cycle – Number of preparation cycles for DU «2 mL Standard or sample»

Sample data variables

Name	Type	Assignment	Fixed value	Comment	Monitoring
ID1	Text	ID1	Preparation of	Sample identification 1	off
50 mL VMS - Prep	Number	ID2		Number of preparation	off
2 mL Suppressor -	Number	ID3		Number of preparation	off
2 mL Brightener - Prep	Number	ID4		Number of preparation	off
2 mL Standard or	Number	ID5		Number of preparation	off

Name **ID1**
Type Text
Assignment on. ID1
Fixed value on. Preparation of dosing units
Check at start on
Comment Sample identification 1

Name **50 mL VMS - Prep cycles**
Type Number
Assignment on. ID2



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Fixed value off.
Check at start on
Comment Number of preparation cycles for DU «50 mL
VMS»
Variable monitoring off
Lower limit
Upper limit
Message
Display message on
Record message on
Message by e-mail off
E-mail template
Subject Message from viva - method 'New method 4' - command 'Main
track'
Acoustic signal off
Action off
Cancel determination on
Cancel determination and series off

Name **2 mL Suppressor - Prep cycles**
Type Number
Assignment on. ID3
Fixed value off.
Check at start on
Comment Number of preparation cycles for DU «2 mL
Suppressor»
Variable monitoring off
Lower limit
Upper limit
Message
Display message on
Record message on
Message by e-mail off
E-mail template
Subject Message from viva - method 'New method 4' - command 'Main
track'
Acoustic signal off
Action off
Cancel determination on
Cancel determination and series off

Name **2 mL Brightener - Prep cycles**
Type Number
Assignment on. ID4
Fixed value off.
Check at start on



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Comment Number of preparation cycles for DU «2 mL
Brightener»

Variable monitoring off

Lower limit

Upper limit

Message

Display message on

Record message on

Message by e-mail off

E-mail template

Subject Message from viva - method 'New method 4' - command 'Main
track'

Acoustic signal off

Action off

Cancel determination on

Cancel determination and series off

Name **2 mL Standard or sample - Prep cycles**

Type Number

Assignment on. ID5

Fixed value off.

Check at start on

Comment Number of preparation cycles for DU «2 mL
Standard or sample»

Variable monitoring off

Lower limit

Upper limit

Message

Display message on

Record message on

Message by e-mail off

E-mail template

Subject Message from viva - method 'New method 4' - command 'Main
track'

Acoustic signal off

Action off

Cancel determination on

Cancel determination and series off

Command comment

AB-401/3: Preparation of dosing units

CALL Prepare DUs



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Call text	Track name	Sample type		Condition
Prep 50 mL VMS	50 mL VMS	off	Sample	on = 'SD.50 mL VMS - Prep cycles' > 0
Prep 2 mL Suppressor	2 mL Suppressor	off	Sample	on = 'SD.2 mL Suppressor - Prep cycles' > 0
Prep 2 mL Brightener	2 mL Brightener	off	Sample	on = 'SD.2 mL Brightener - Prep cycles' > 0
Prep 2 mL Standard or sample	2 mL Standard or sample	off	Sample	on = 'SD.2 mL Standard or sample - Prep cycles' > 0

TRACK	50 mL VMS	Return immediately	off
		Delete old data	off
LOOP	Cycles - 50 mL VMS		
	Stop criteria		
	Max. run number		on
	Max. run number	= 'SD.50 mL VMS - Prep cycles'	
	Maximum run time		off
	Signal assessment for DT		off
PREP	Prep 50 mL VMS	Condition	off
	Dosing device		
	Dosing unit	50 mL VMS	
TRACK	2 mL Suppressor	Return immediately	off
		Delete old data	off
LOOP	Cycles - 2 mL Suppressor		
	Stop criteria		
	Max. run number		on
	Max. run number	= 'SD.2 mL Suppressor - Prep cycles'	
	Maximum run time		off
	Signal assessment for DT		off
PREP	Prep 2 mL Suppressor	Condition	off
	Dosing device		
	Dosing unit	2 mL Suppressor	
TRACK	2 mL Brightener	Return immediately	off



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Delete old data off

LOOP Cycles - 2 mL Brightener

Stop criteria

Max. run number on
Max. run number = 'SD.2 mL Brightener - Prep cycles'
Maximum run time off
Signal assessment for DT off
Condition off

PREP Prep 2 mL Brightener

Dosing device

Dosing unit 2 mL Brightener

TRACK 2 mL Standard or sample

Return immediately off
Delete old data off

LOOP Cycles - 2 mL Std Sample

Stop criteria

Max. run number on
Max. run number = 'SD.2 mL Standard or sample - Prep cycles'
Maximum run time off
Signal assessment for DT off
Condition on
Condition

PREP Prep 2 mL Std Sample

Dosing device

Dosing unit 5 mL Standard or sample

Evaluation parameters

Results

Results

Additional results

Result	Places	Prefix	Unit
Peak potential	3		V
Height	2	#	A
RSD of the heights of all replications	1		%



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Result	Places	Prefix	Unit
Measured value	2	#	A
RSD of the measured values of all replications	1		%
Area	2	#	C
RSD of the areas of all replications	1		%
Start base point	3		
End base point	3		
Standardized area	3		
Standardized height	3		
Standardized measured value	3		
Total volume	3	#	L
Zero-order coefficient	3		
First-order coefficient	3		
Second-order coefficient	3		
Fourth-order coefficient	3		
Coefficient of determination	5		
Substance concentration in measuring vessel	2	#	
RSD of the substance concentration in measuring vessel	1		%
Amount of substance	2	#	
RSD of the substance concentration in the sample	1		%
Effective addition volume of the standard solution for the evaluation ratio	2	#	L
RSD of the effective addition volume of the standard solution for the evaluation ratio	1		%
Calibration factor DT	2	#	
RSD of the calibration factor DT	1		%
Effective addition volume of the sample solution for the evaluation ratio	2	#	L
RSD of the effective addition volume of the sample solution for the evaluation ratio	1		%

Database

Name database viva