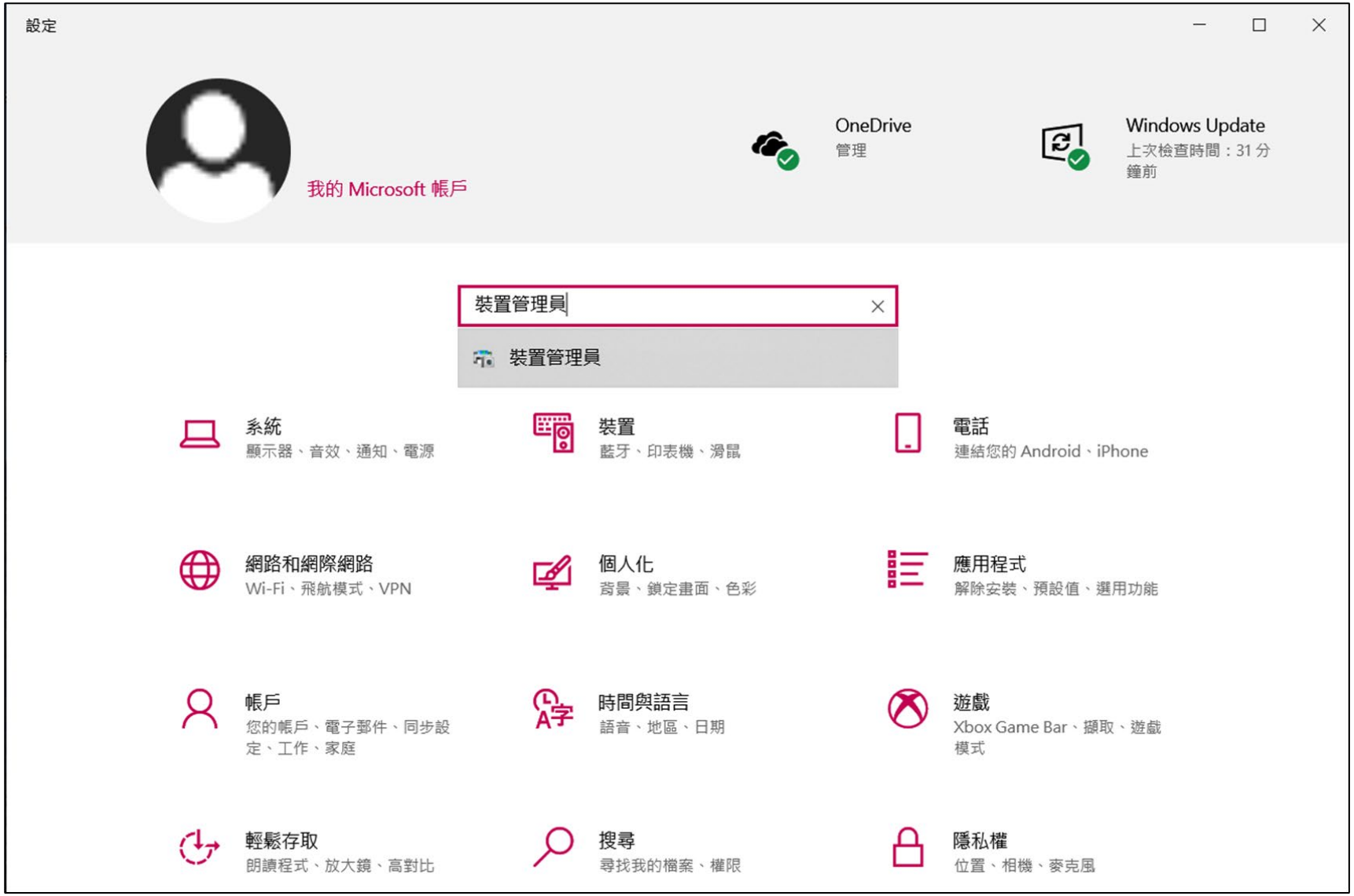
Rayto RT-6900 ELISA Reader

電腦軟體快速操作指南

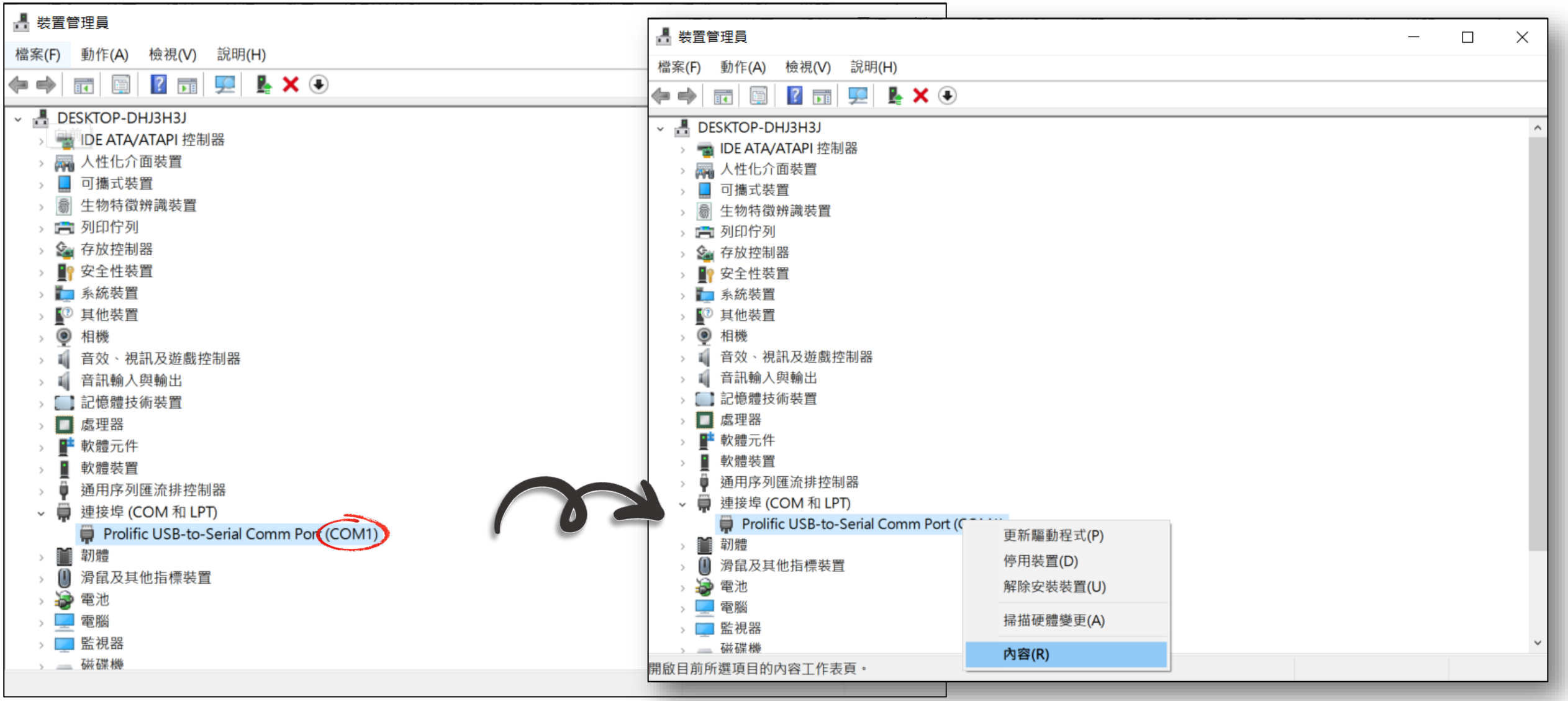
電腦系統前置設定

→ → 搜尋<u>裝置管理員 (Devices Manager)</u>

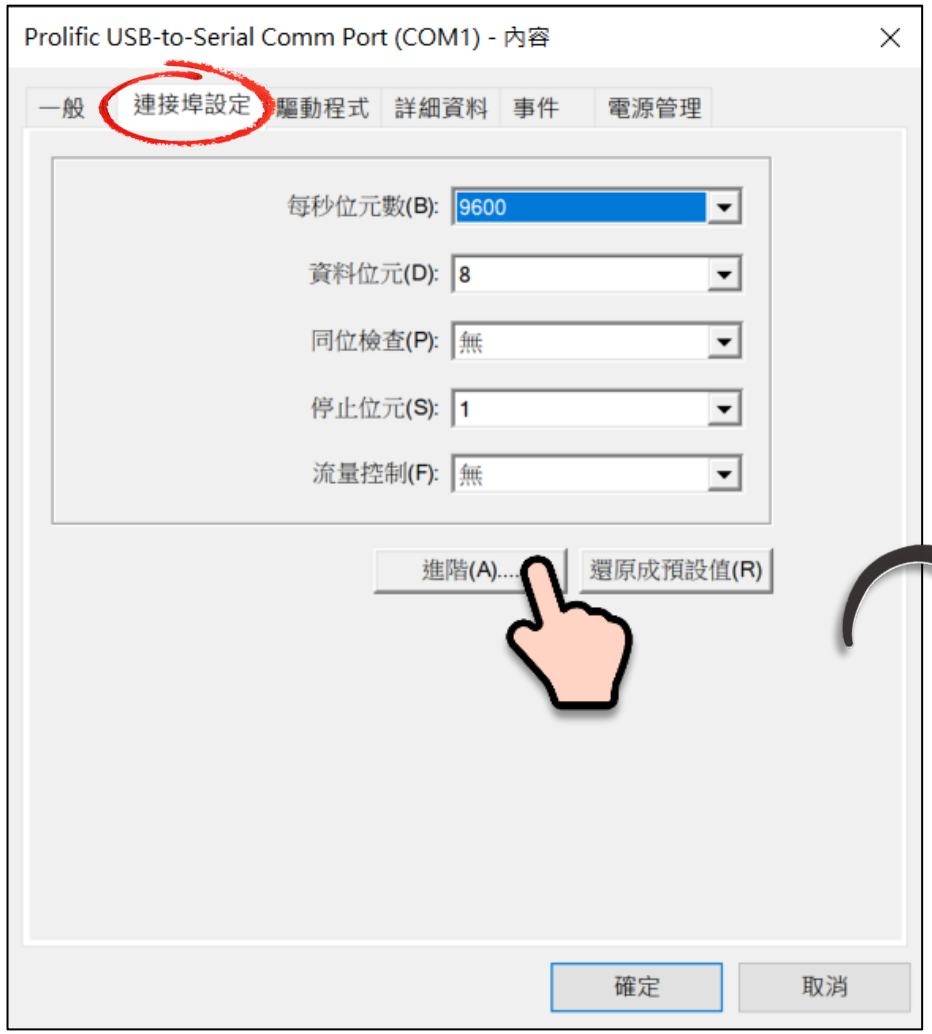
設定



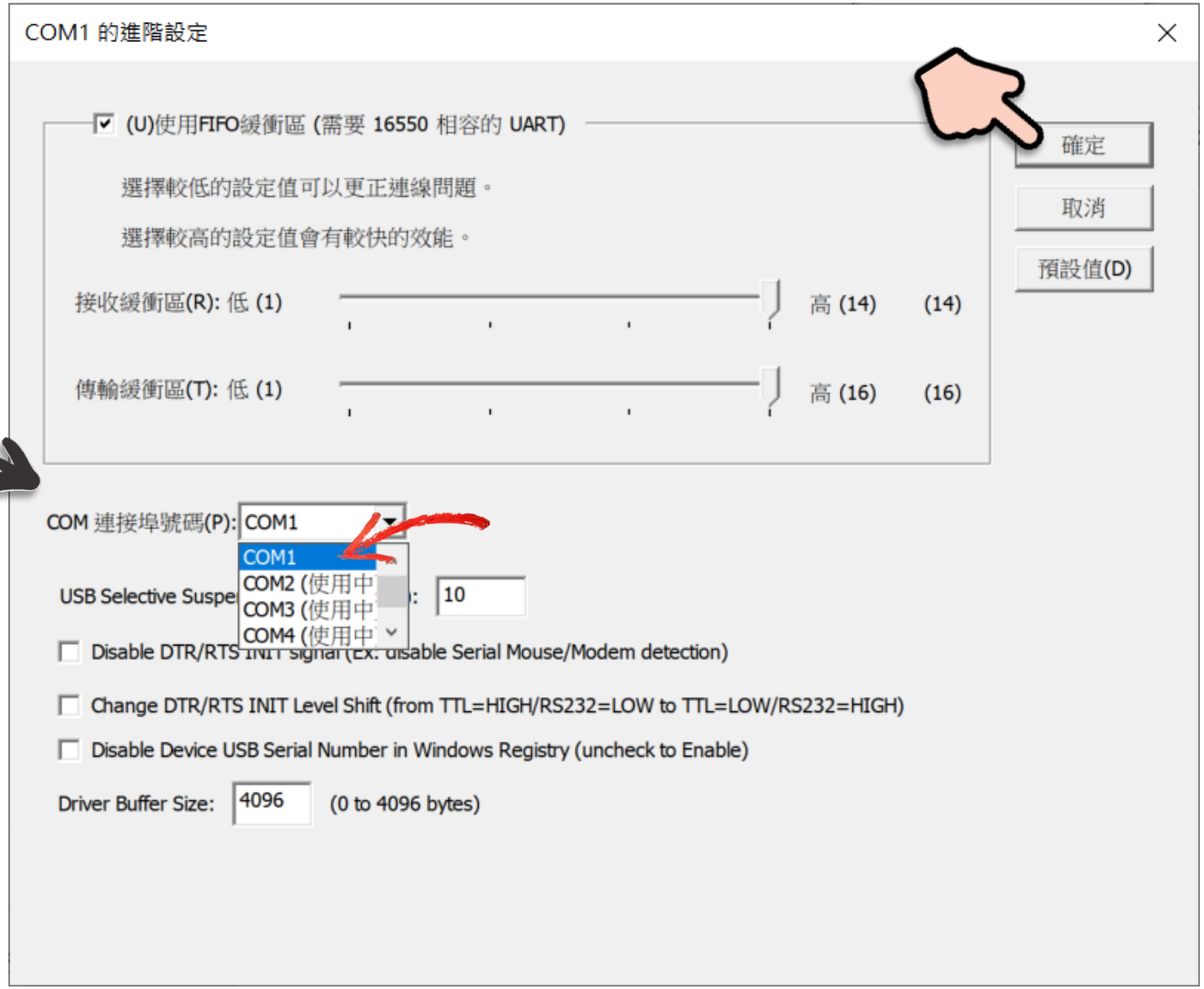
1. 進入裝置管理員
2. 找到【連接埠（COM和LPT）】並展開
3. 找到Prolific USB-to-Serial Comm Port (COM數字)，如非COM1，則按右鍵進入內容。



1. 選擇【連接埠設定】
2. 點入【進階】



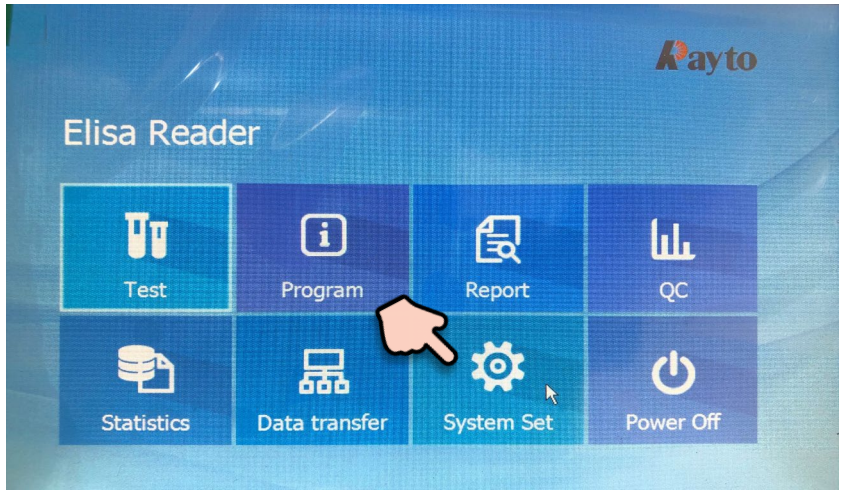
3. 在【COM連接埠號碼】打開下拉選單，點選COM1。
4. 按【確定】完成設定



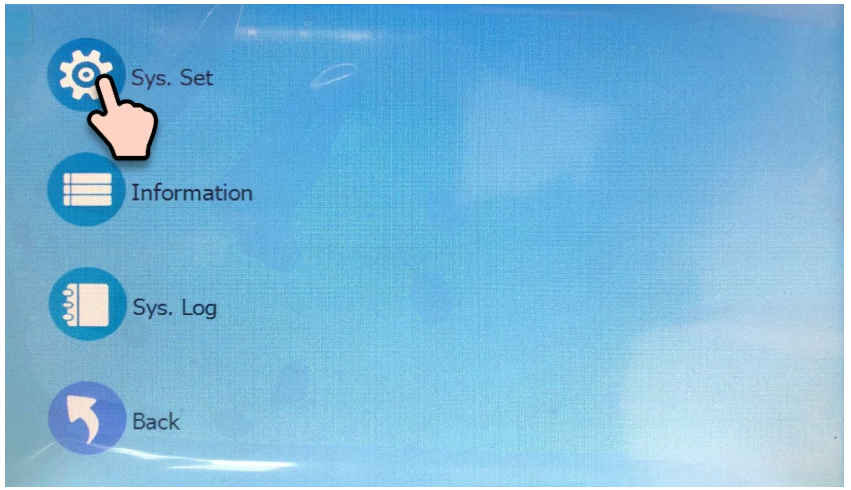
儀器前置設定

儀器開機後，請依下列指示操作，將儀器設定成透過電腦操作的模式：

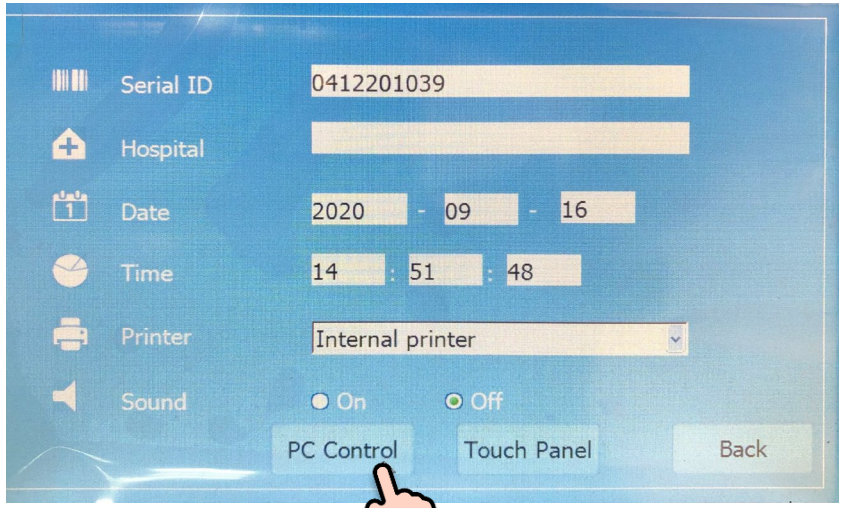
1. 選擇【System Set】



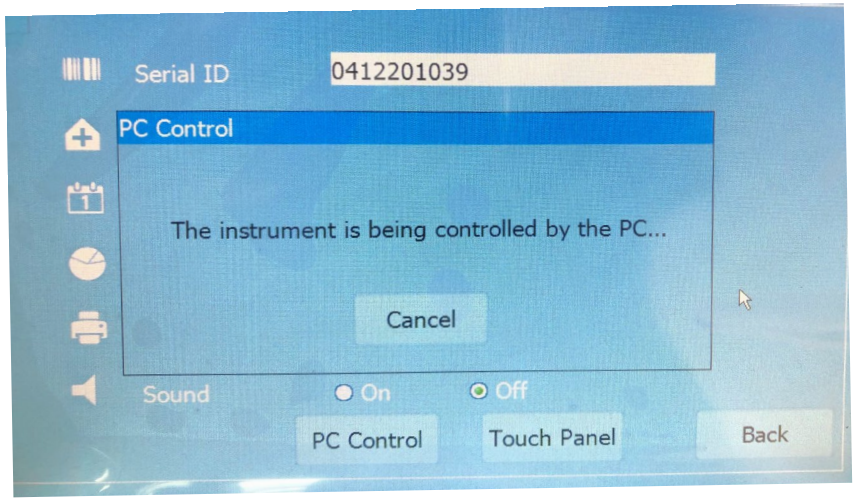
2. 選擇【Sys. Set】



3. 選擇【PC Control】



4. 出現以下提示訊息即代表設定完成（請勿按Cancel退出）



1. 啓動軟體

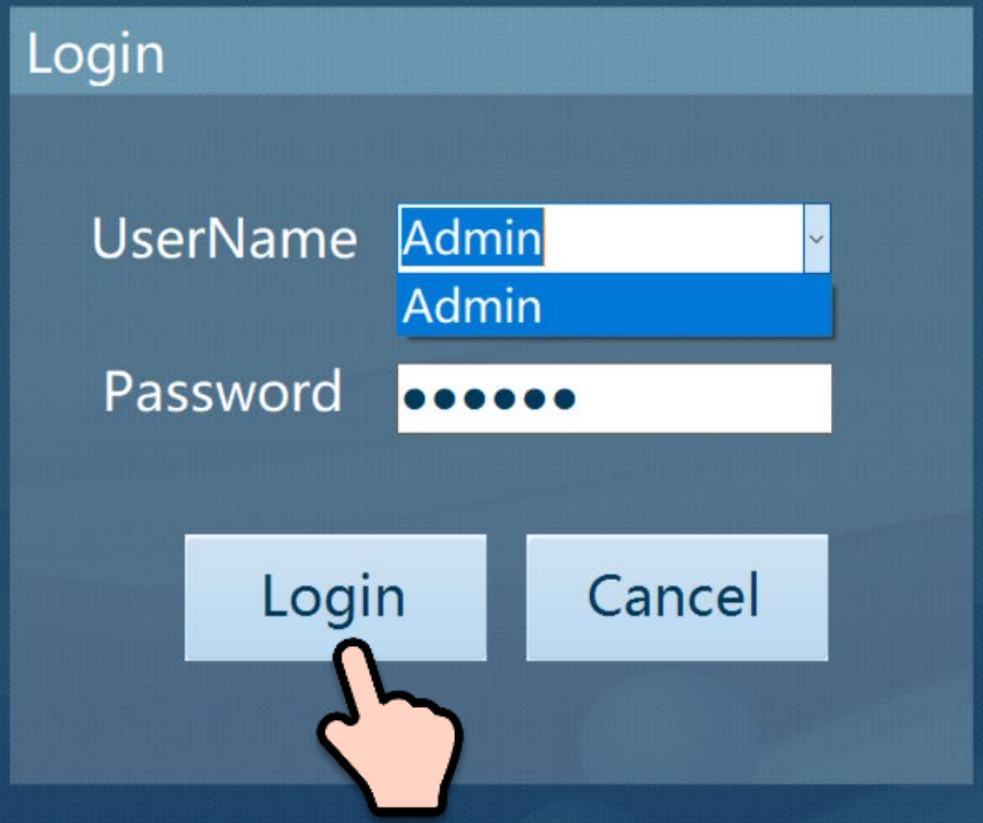
1.1 啓動軟體Rayto Microplate Reader Software

1.2 登入程式

Rayto Microplate Reader Software

UserName：Admin

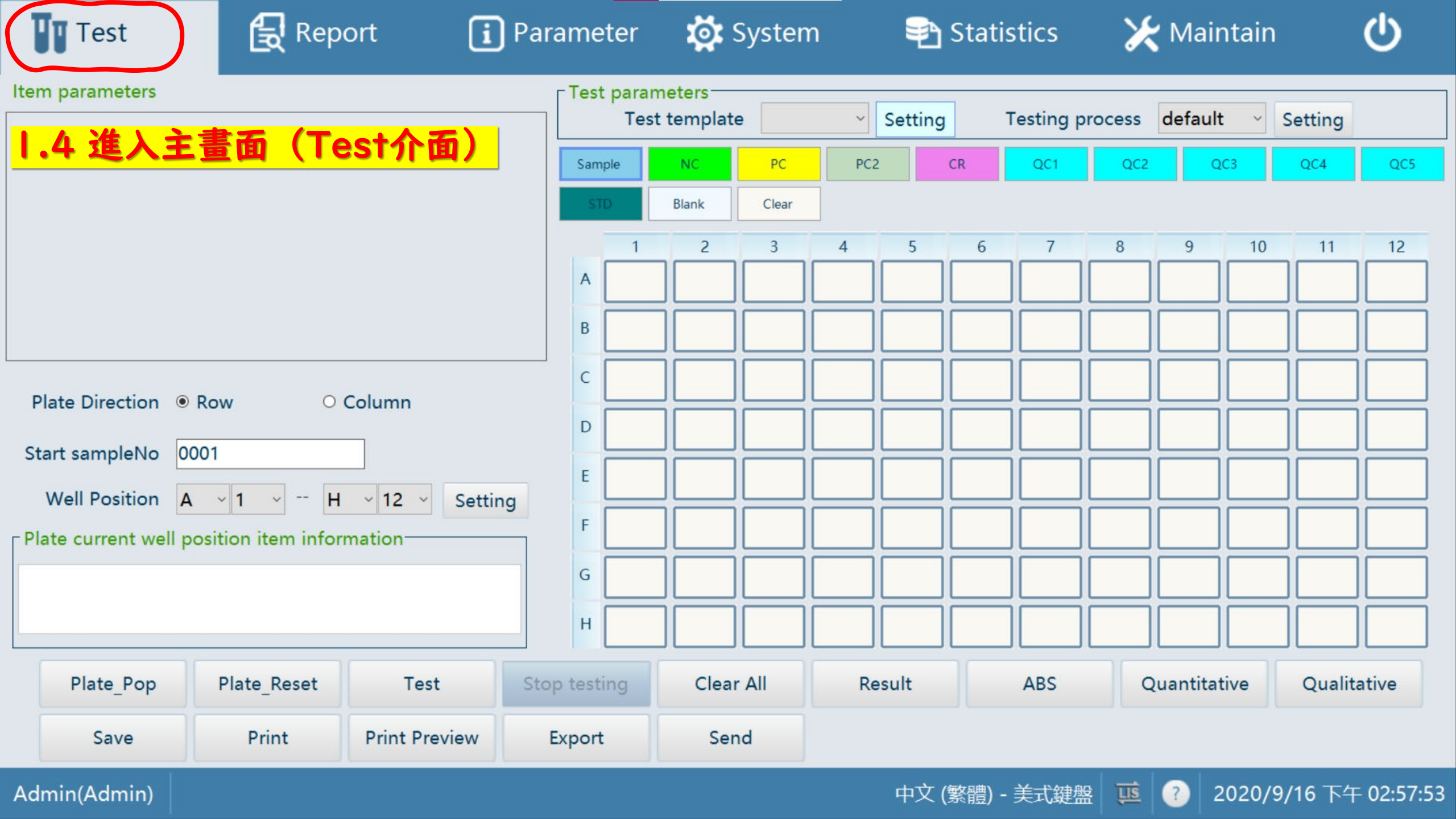
Password：888888



1.3 機器self-checking中

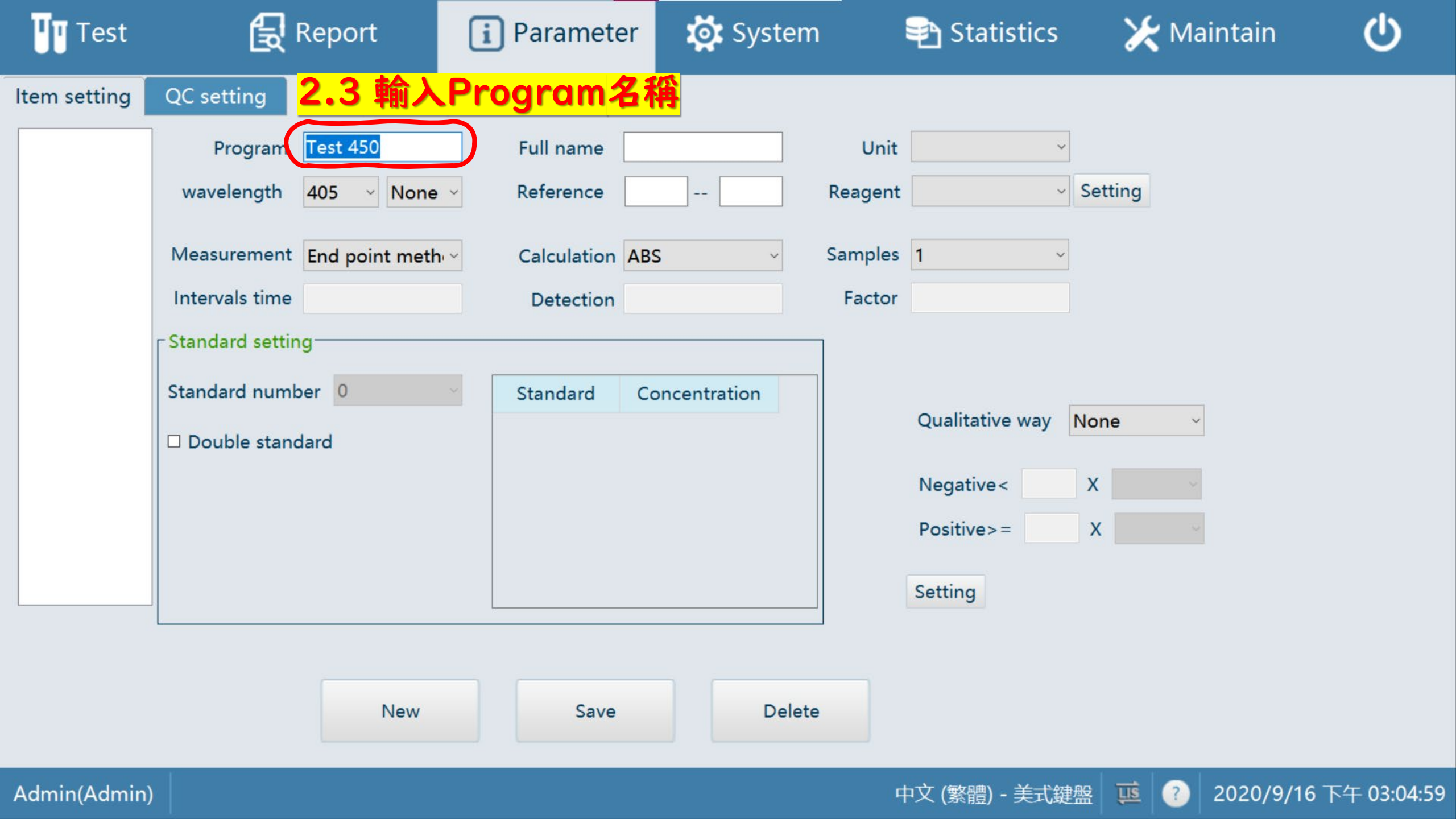
Rayto Microplate
Reader Software

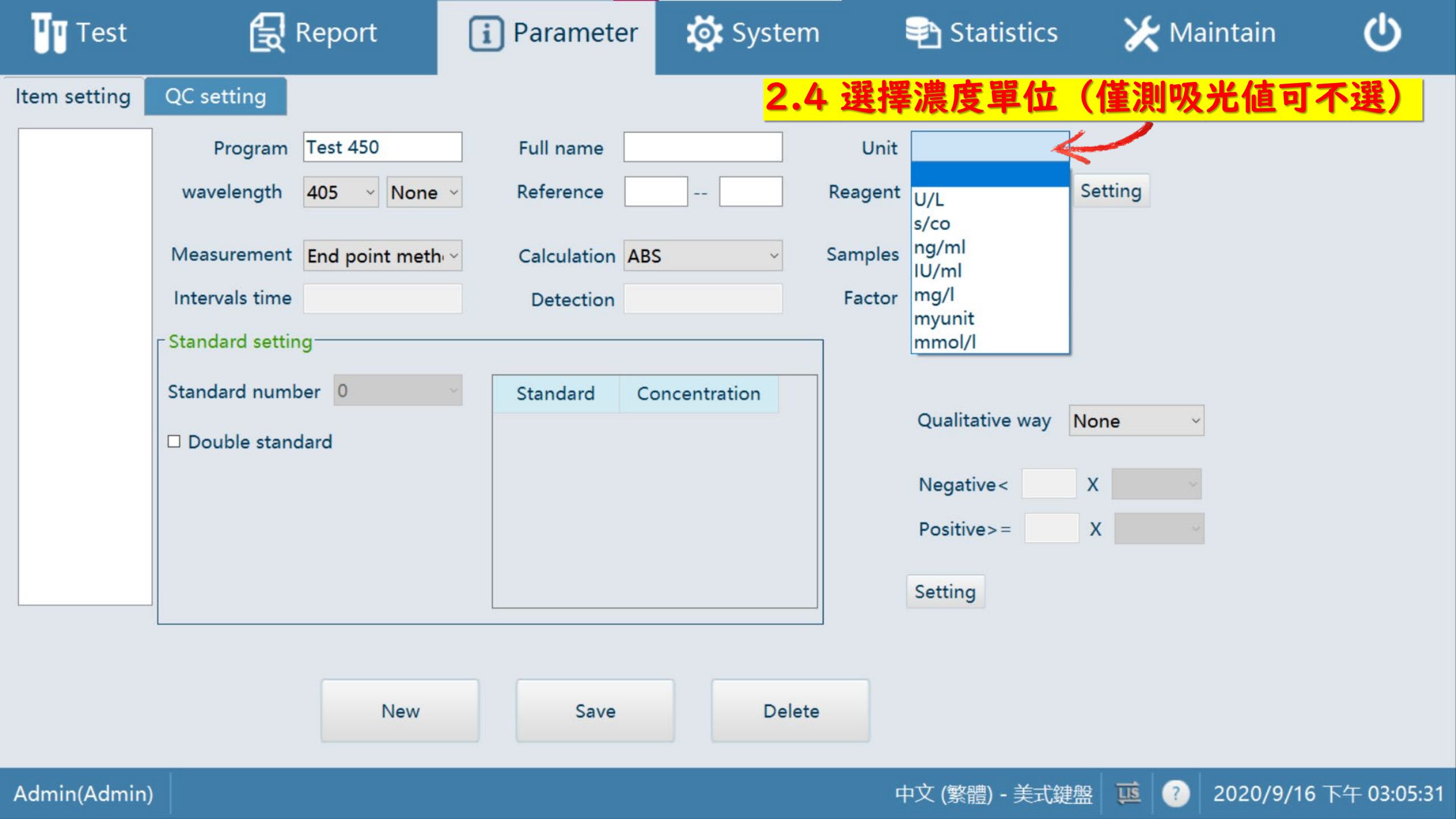
Filter wheel moves to wavelength 492.....

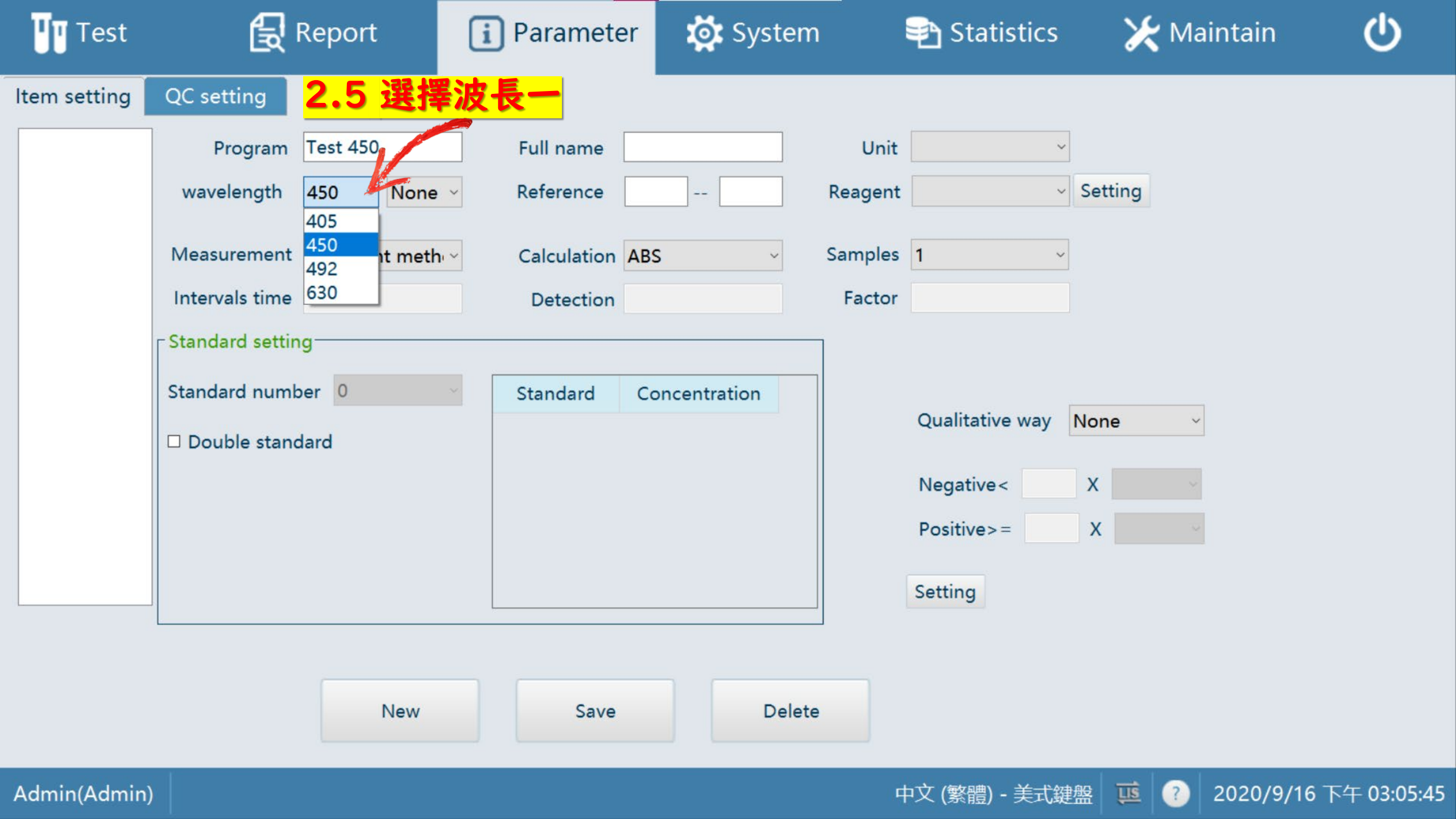

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
1.4 進入主畫面（Test介面）
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 02:57:53

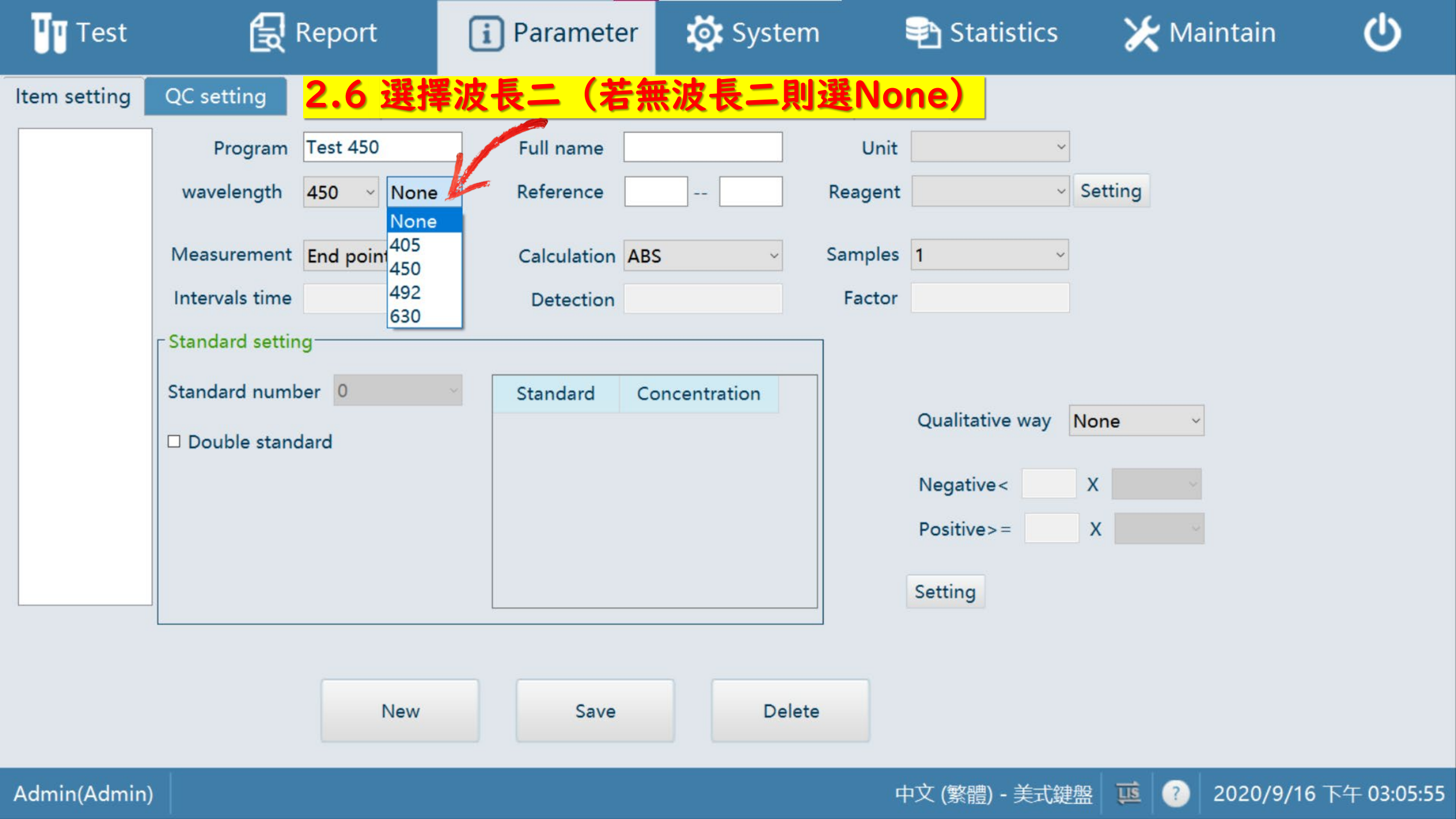
2. 測吸光値

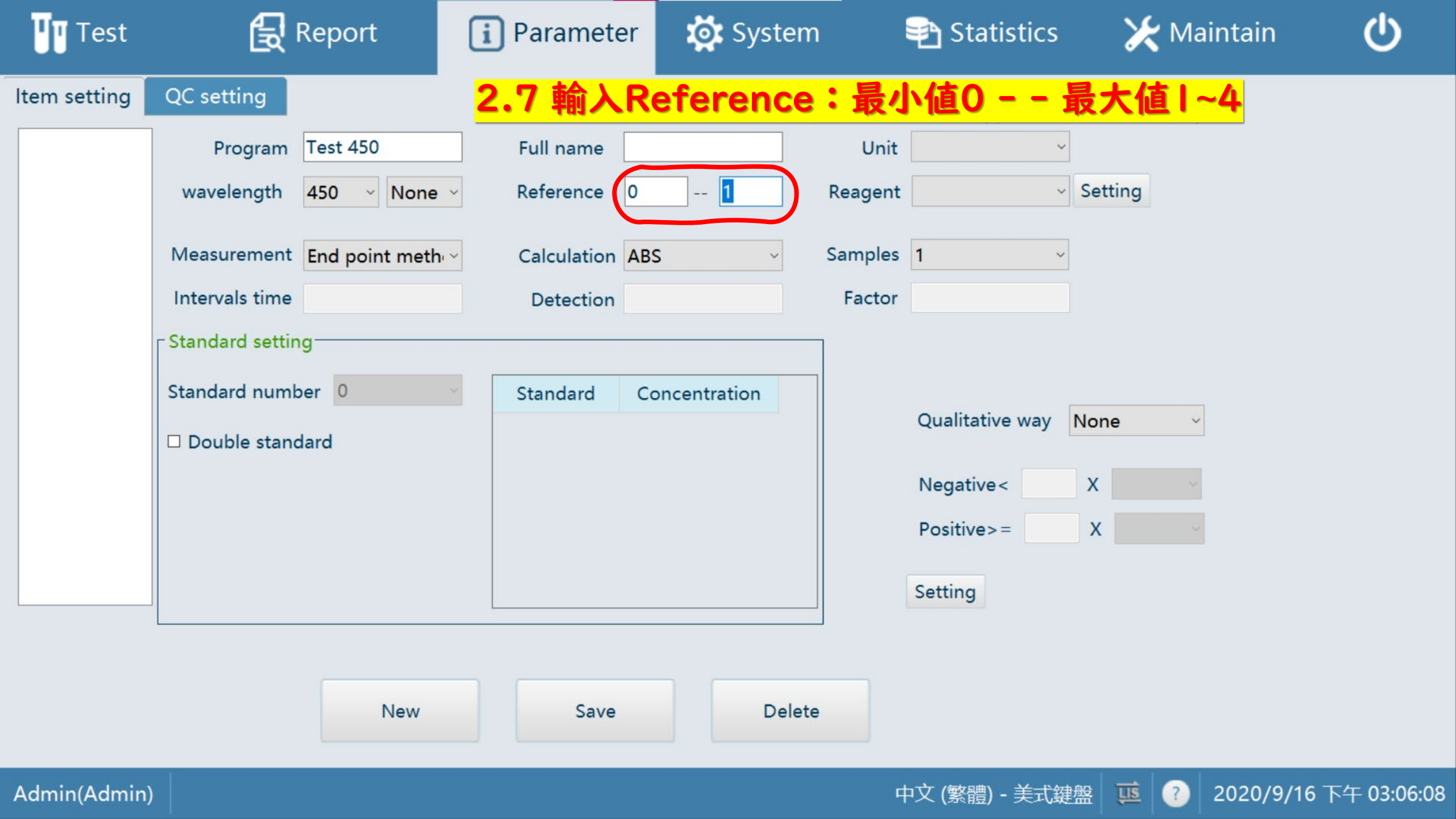

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.1 切換到Parameter介面，先設定Program。
Program
Full name
Unit
wavelength
Reference
--
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
2.2 按New以新增Program
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 02:58:12

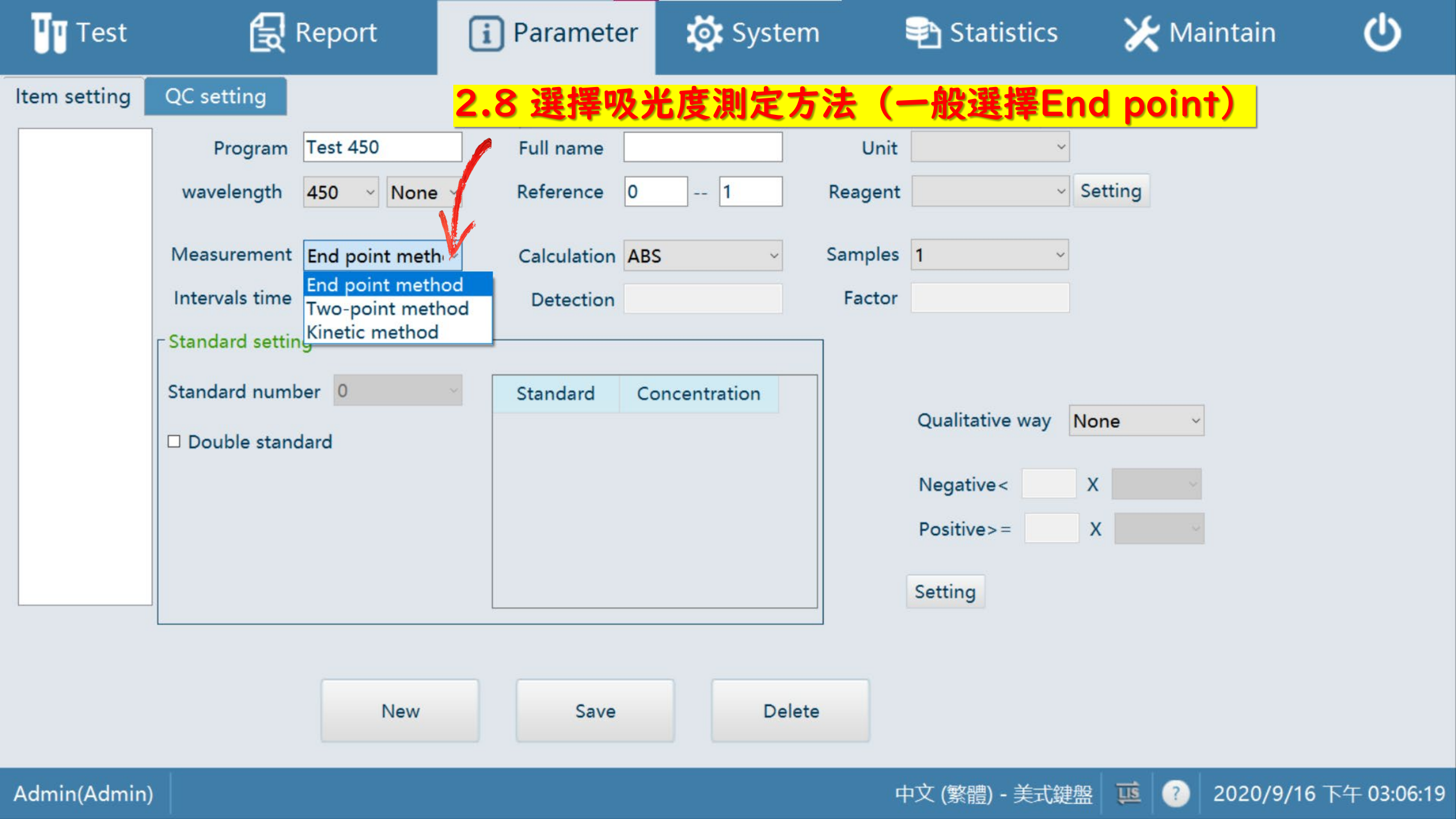

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.3 輸入Program名稱
Program
Test 450
Full name
Unit
wavelength
405
None
Reference
--
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:04:59

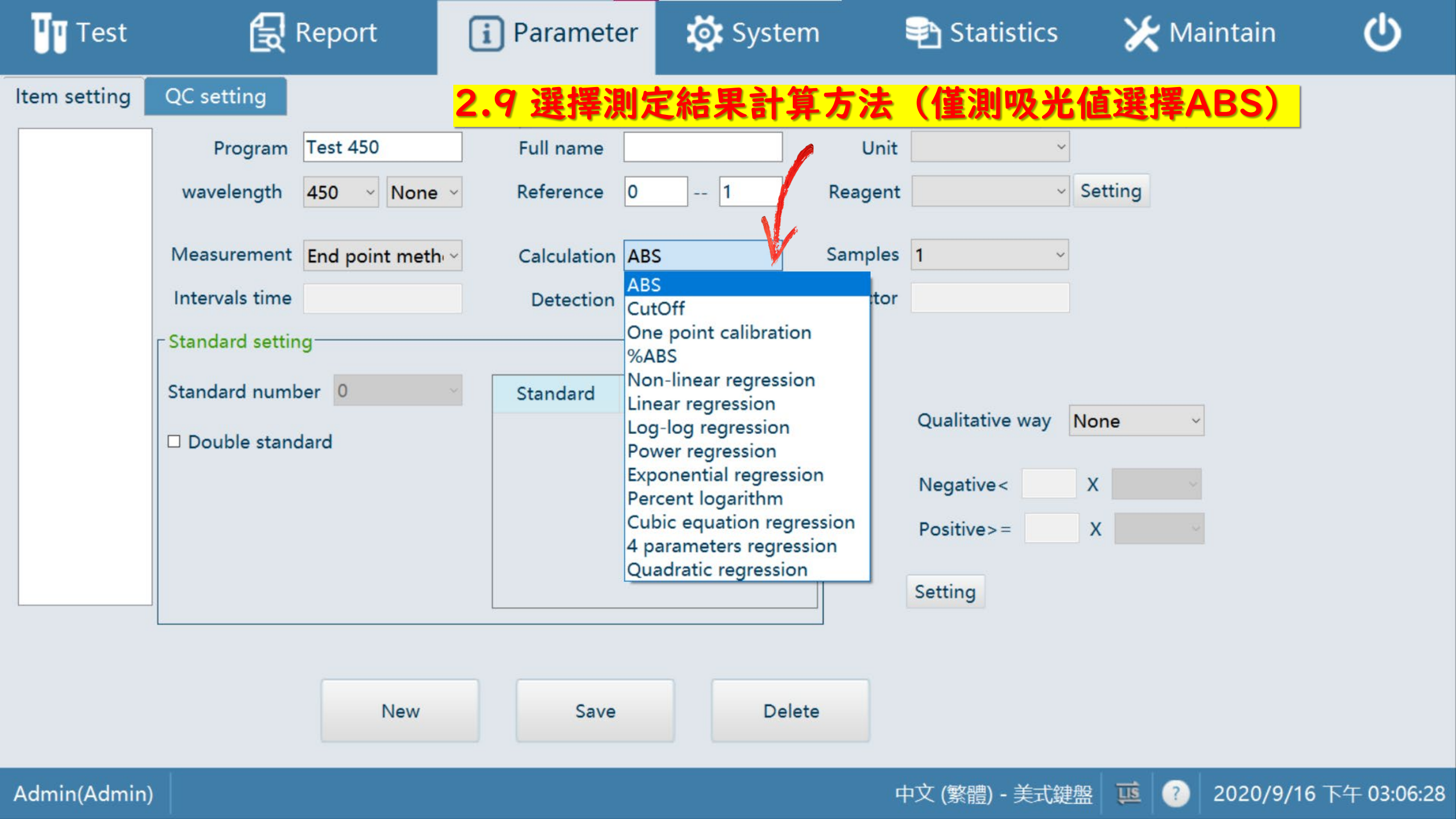

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.4 選擇濃度單位（僅測吸光值可不選）
Program
Test 450
Full name
Unit
wavelength
405
None
Reference
--
Reagent
Setting
U/L
s/co
ng/ml
IU/ml
mg/l
myunit
mmol/l
Measurement
End point meth
Calculation
ABS
Samples
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:05:31

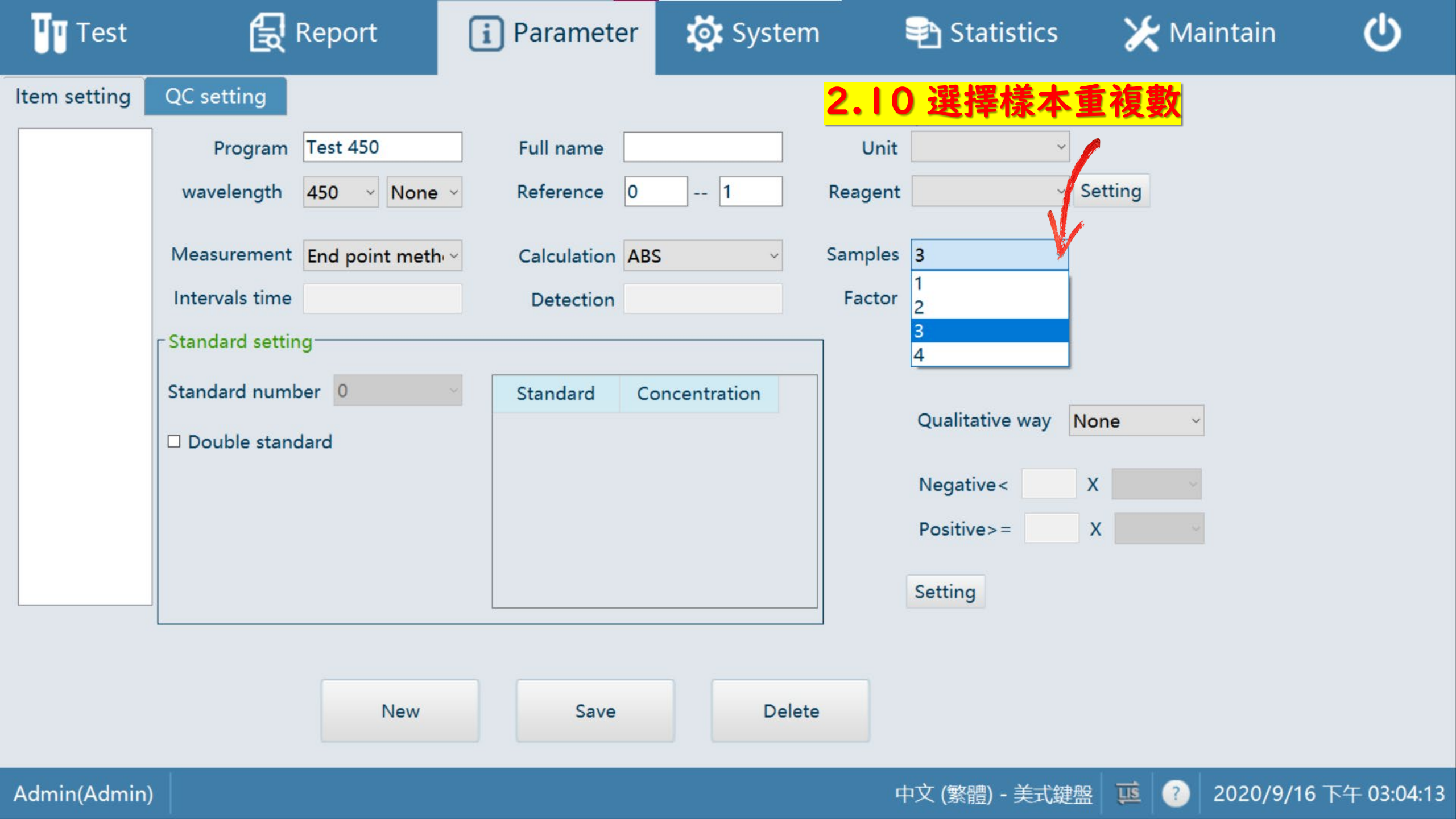

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.5 選擇波長一
Program
Test 450
Full name
Unit
wavelength
450
None
405
450
492
630
Reference
--
Reagent
Setting
Measurement
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Double standard
Standard
Concentration
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:05:45


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.6 選擇波長二（若無波長二則選None）
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
--
Reagent
Setting
None
405
450
492
630
Measurement
End point
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:05:55

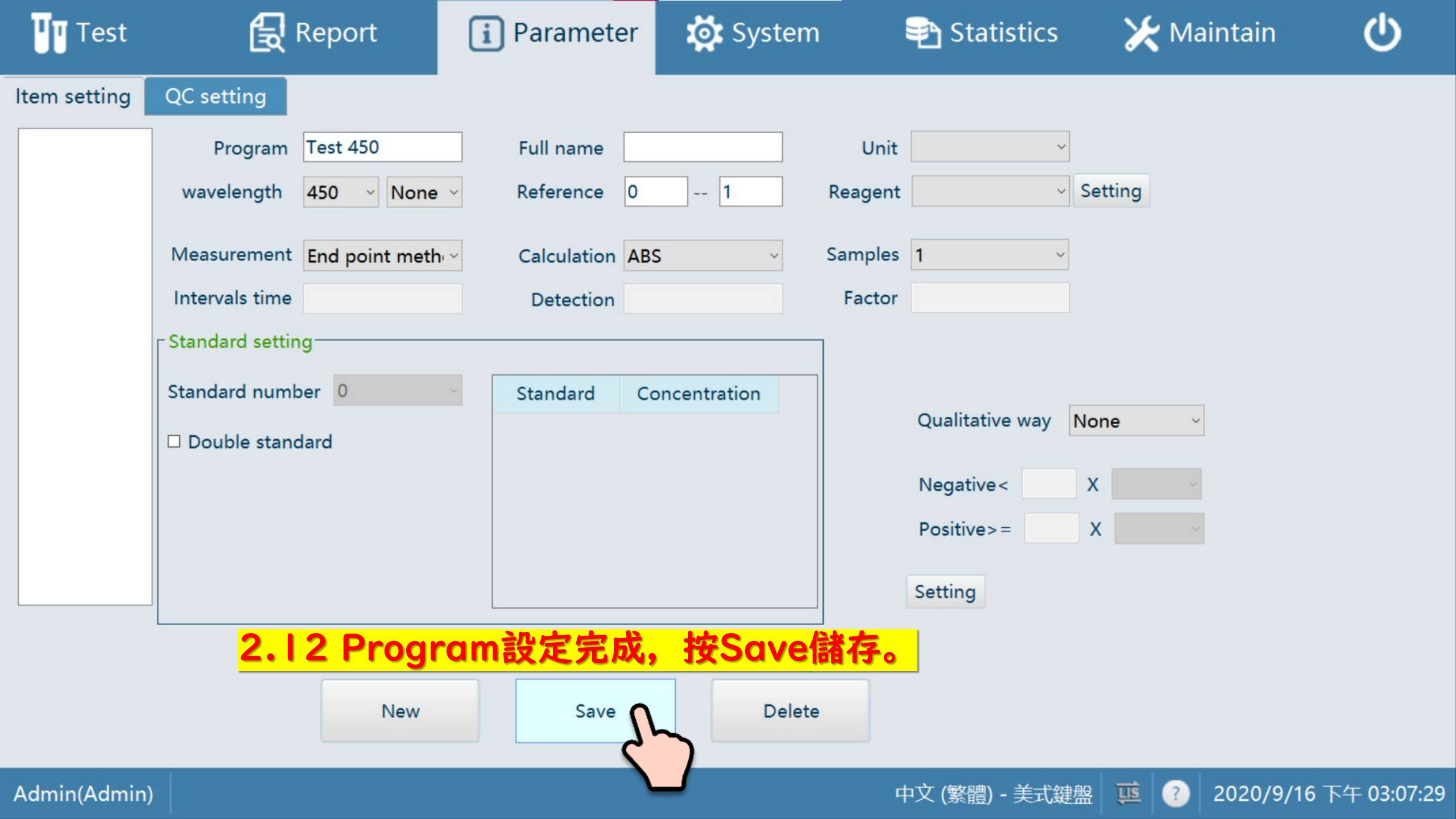

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.7 輸入Reference：最小值0 - - 最大值1~4
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Double standard
Standard
Concentration
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:06:08


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.8 選擇吸光度測定方法（一般選擇End point）
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
End point method
Two-point method
Kinetic method
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:06:19

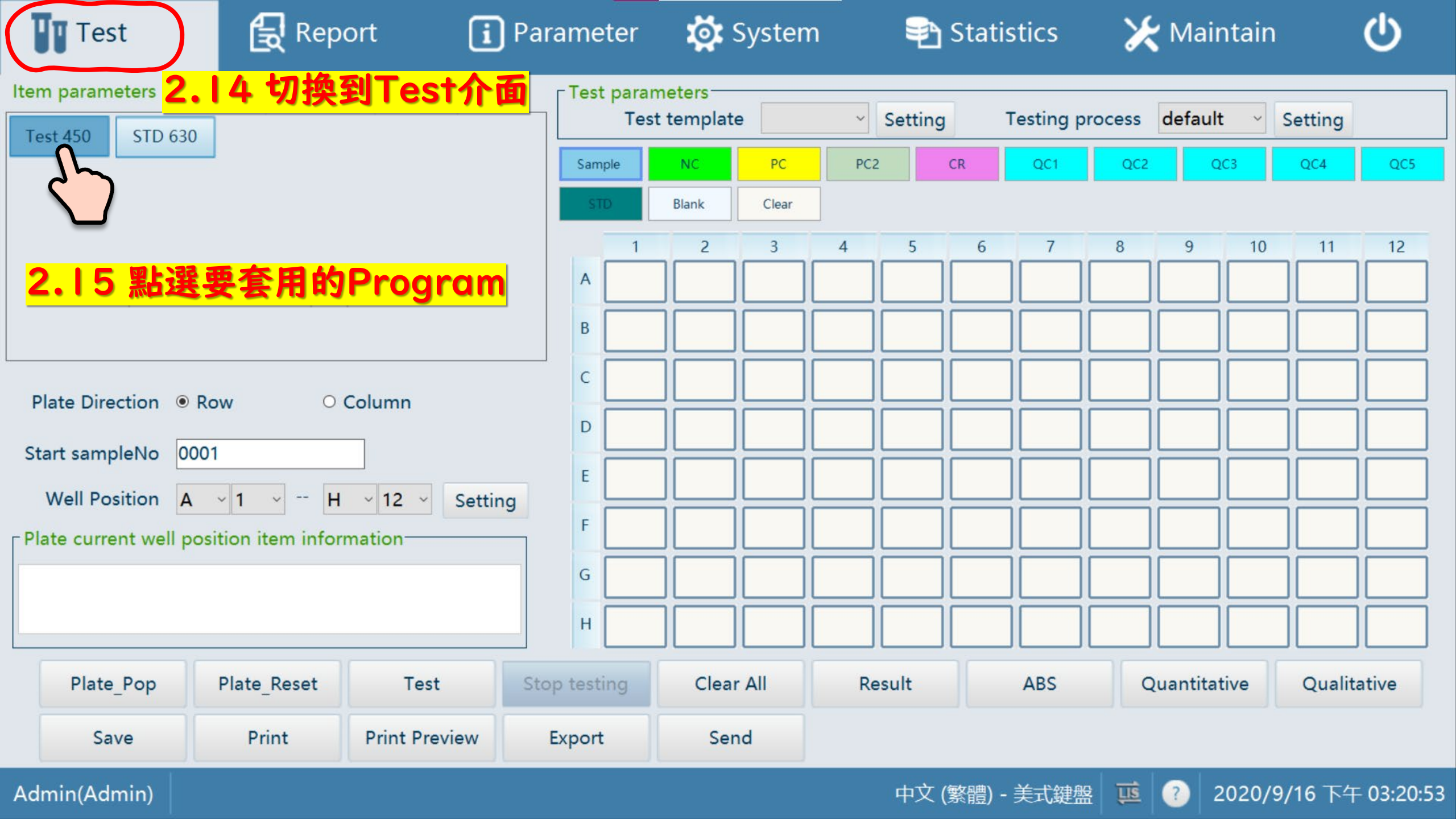

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.9 選擇測定結果計算方法（僅測吸光值選擇ABS）
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
tor
ABS
CutOff
One point calibration
%ABS
Non-linear regression
Linear regression
Log-log regression
Power regression
Exponential regression
Percent logarithm
Cubic equation regression
4 parameters regression
Quadratic regression
Standard setting
Standard number
0
Standard
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:06:28


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
2.10 選擇樣本重複數
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
3
1
2
3
4
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:04:13


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Double standard
Standard
Concentration
2.11 選擇定性方式
（僅測吸光非定性分析選擇None）
Qualitative way
None
None
Positive threshold
Reverse threshold
Negative<
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:07:15


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Program
Test 450
Full name
Unit
wavelength
450
None
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
2.12 Program設定完成，按Save儲存。
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:07:29


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
Test 450
Full name
Unit
Reagent
Setting
2.13 儲存成功的Program會顯示在左側列表
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:08:06


Test
Report
Parameter
System
Statistics
Maintain
2.14 切換到Test介面
Item parameters
Test 450
STD 630
2.15 點選要套用的Program
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:20:53


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
2.16 點選Sample
2.17 選擇Sample排列方向
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
2.18 點選空格排列Sample位置
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
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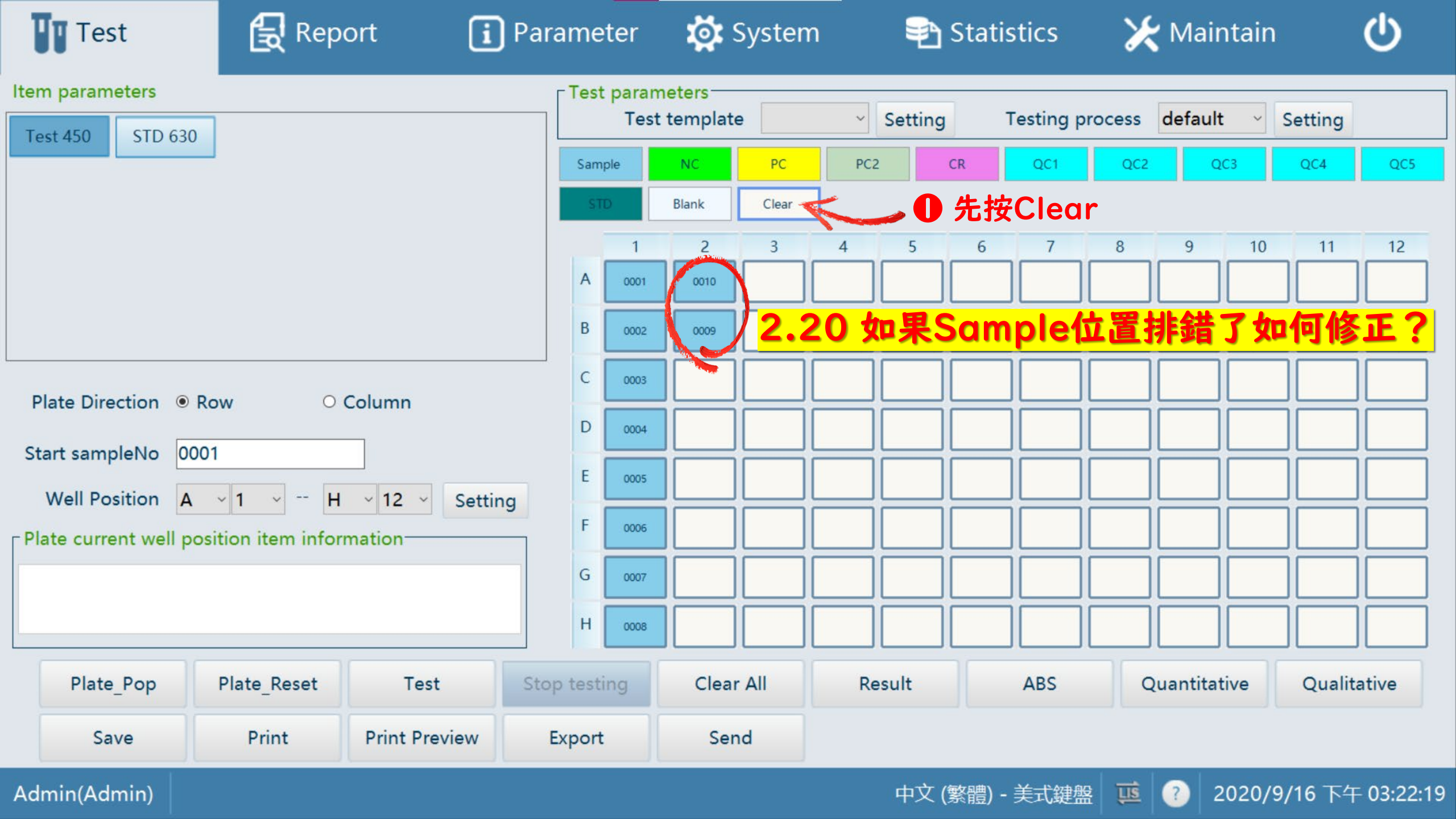
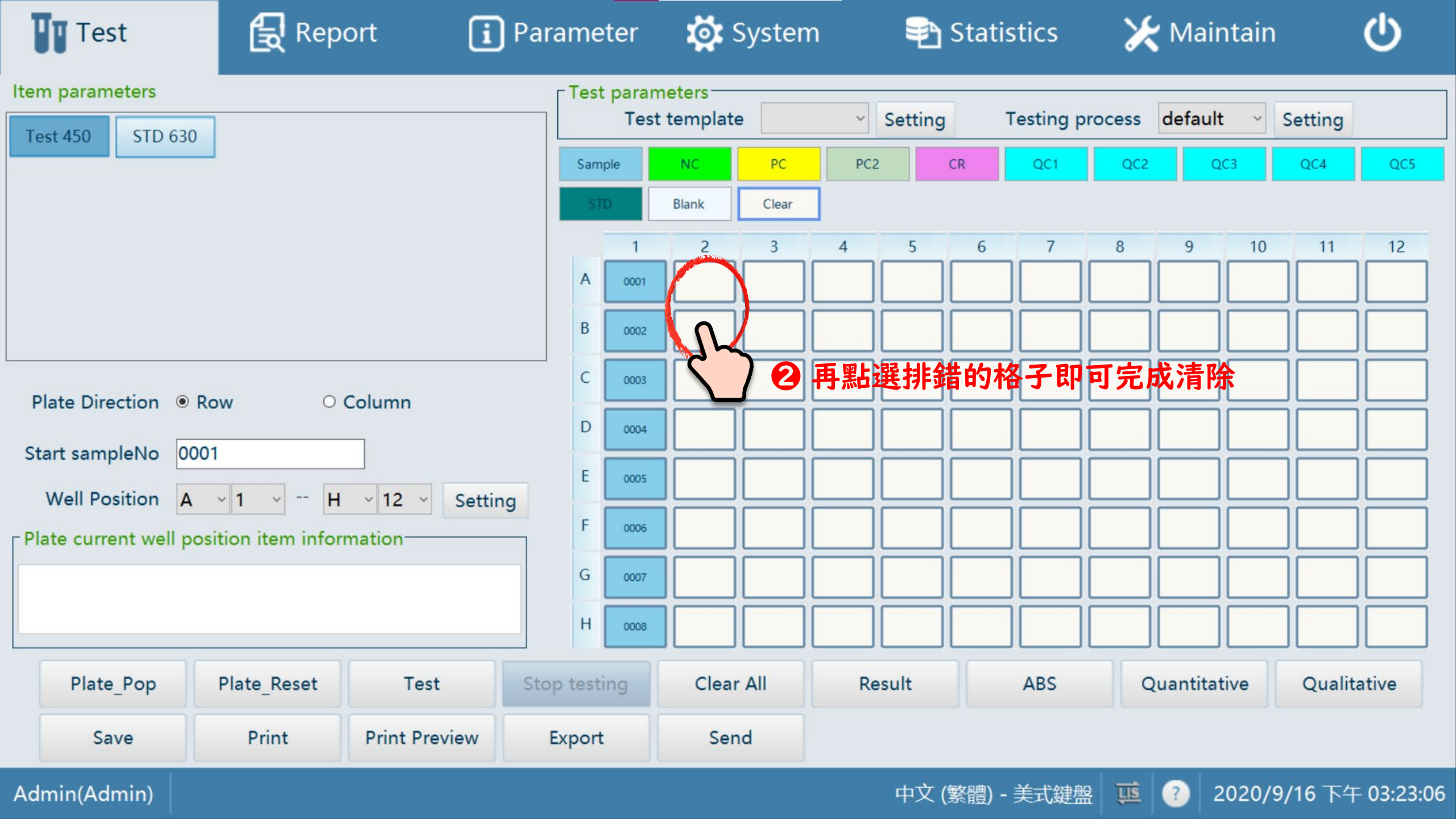
Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
2.19 快速設定Sample layout
❶ 選擇Sample排列方向
❷ 選擇Well起迄範圍
❸ 按Setting
❹ Sample layout套用完成
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
2
Setting
Plate current well position item informat
1
2
3
4
5
6
7
8
9
10
11
12
Plate_Pop
Plate_Reset
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:23:35


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
❶ 先按Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001 0010
B 0002 0009
C 0003
D 0004
E 0005
F 0006
G 0007
H 0008
2.20 如果Sample位置排錯了如何修正？
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:22:19


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001
B 0002
C 0003
D 0004
E 0005
F 0006
G 0007
H 0008
❷ 再點選排錯的格子即可完成清除
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:23:06


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
2.21 儲存Plate Template（可省略）
❶ 按Setting進入
❷ 按New
❸ 自行命名Template
❹ 按Save儲存
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
QC1
QC2
QC3
QC4
QC5
Blank
Clear
Test template setting
Template
20200916-1
New
Save
Delete
Back
Test template setting
20200916-1
Template
20200916-1
New
Save
Delete
Back
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
H
2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:31:17

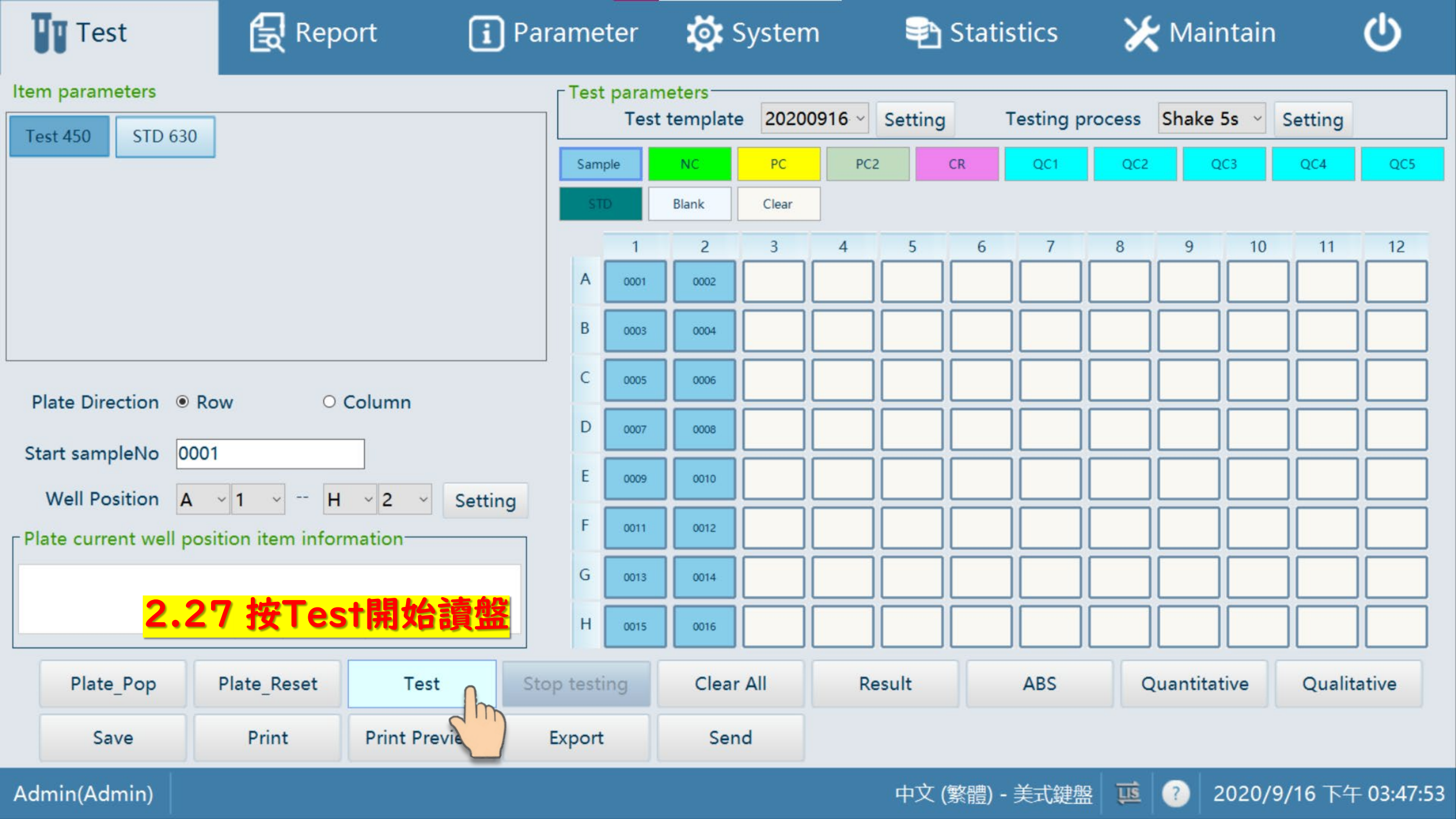

Test
Report
Parameter
System
Statistics
Maintain
2.22 日後可選擇已儲存的Plate template套用（可省略）
Item parameters
Test 450
STD 630
Test template
20200916
Setting
Testing process
default
Setting
20200916-1
Sample
NC
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:32:09


Test
Report
Parameter
System
Statistics
Maintain
2.23 設定shaking（可省略）
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
default
Setting
1
QC1
QC2
QC3
QC5
Testing process set
Testing process
default
Process settings
Delay
0
S
Shake
Low speed
0
Test
Continuous
Step
Process name
Shake 5s
2
New
Save
Delete
Back
3
Testing process set
Testing process
default
Process settings
Delay
0
S
Shake
Medium sp
5
S
Low speed
Medium speed
High speed
Test
4
5
6
Process name
Shake 5s
New
Save
Delete
Back
7
Testing process set
Testing process
default
Shake 5s
8
Process settings
Delay
0
S
Shake
Medium sp
5
S
Test
Continuous
Step
Process name
Shake 5s
New
Save
Delete
Back
9
Export
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午

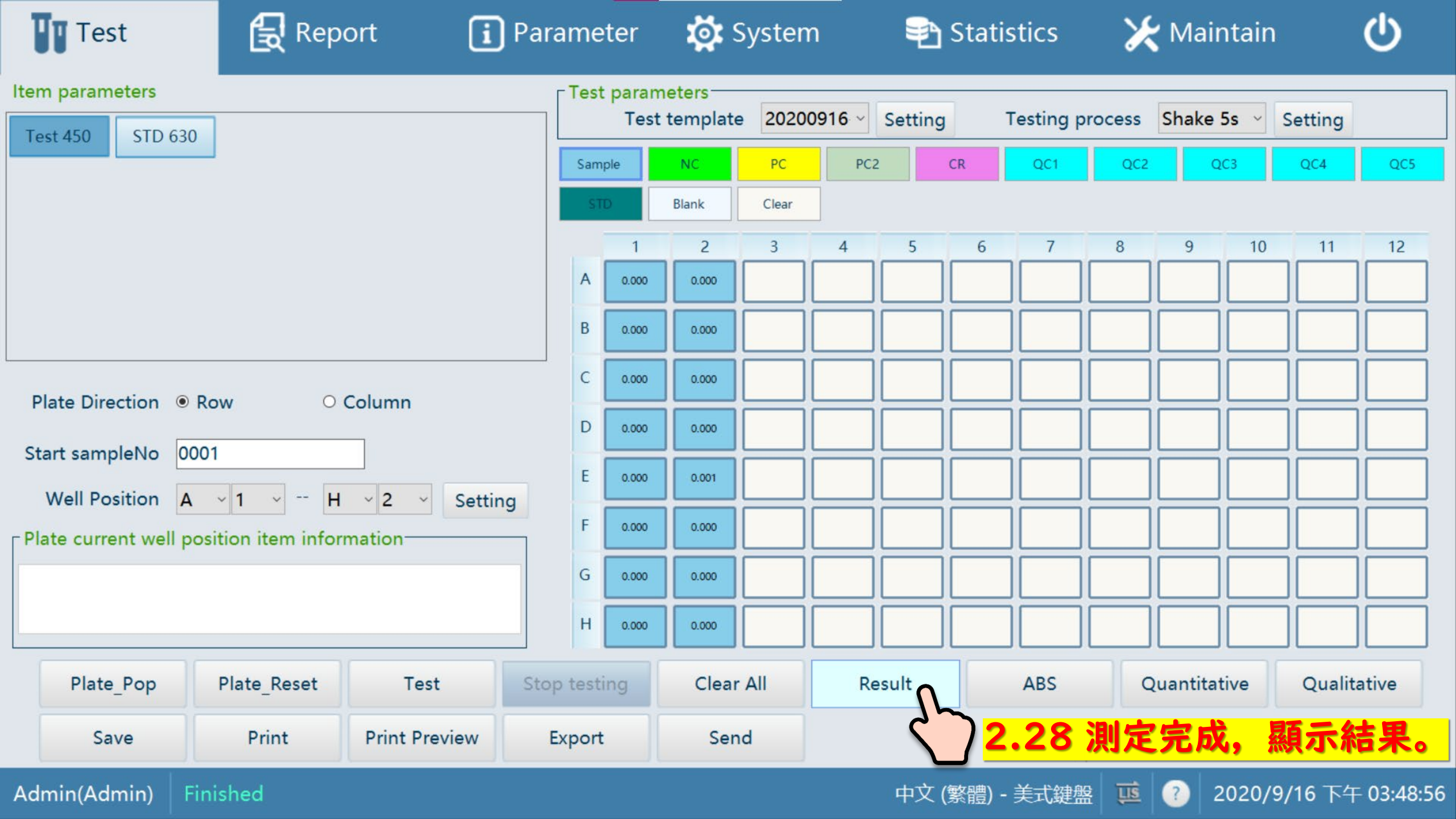

Test
Report
Parameter
System
Statistics
Maintain
2.24 可選擇shaking程序（可省略）
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
default
Shake 5s
Sample
NC
PC
PC2
CR
QC1
QC2
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001 0002
B 0003 0004
C 0005 0006
D 0007 0008
E 0009 0010
F 0011 0012
G 0013 0014
H 0015 0016
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:35:11


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001 0002
B 0003 0004
C 0005 0006
D 0007 0008
E 0009 0010
F 0011 0012
G 0013 0014
H 0015 0016
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
2.25 按Plate_Reset 兩次
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:37:11


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001 0002
B 0003 0004
C 0005 0006
D 0007 0008
E 0009 0010
F 0011 0012
G 0013 0014
H 0015 0016
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
2.26 按Plate_Pop，托架彈出，
放入盤子（A1朝右邊內側）。
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:48:13


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001 0002
B 0003 0004
C 0005 0006
D 0007 0008
E 0009 0010
F 0011 0012
G 0013 0014
H 0015 0016
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
2.27 按Test開始讀盤
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Previe
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:47:53


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0001 0002
B 0003 0004
C 0005 0006
D 0007 0008
E 0009 0010
F 0011 0012
G 0013 0014
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
（測讀過程中若要中止可按Stop testing）
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
testing...
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:48:32


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0.000 0.000
B 0.000 0.000
C 0.000 0.000
D 0.000 0.000
E 0.000 0.001
F 0.000 0.000
G 0.000 0.000
H 0.000 0.000
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
2.28 測定完成，顯示結果。
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:48:56

Test | Report | Parameter | System | Statistics | Maintain

Item parameters

Test 450 | STD 630

Test parameters

Test template 20200916 Setting | Testing process Shake 5s Setting

Sample | NC | PC | PC2 | CR | QC1 | QC2 | QC3 | QC4 | QC5

STD | Blank | Clear

	1	2	3	4	5	6	7	8	9	10	11	12
A	0001 0.000	0002 0.000										
B	0003 0.000	0004 0.000										
C	0005 0.000	0006 0.000										
D	0007 0.000	0008 0.000										
E	0009 0.000	0010 0.001										
F	0011 0.000	0012 0.000										
G	0013 0.000	0014 0.000										
H	0015 0.000	0016 0.000										

Plate Direction ◉ Row ○ Column

Start sampleNo 0001

Well Position A 1 -- H 2 Setting

Plate current well position item information

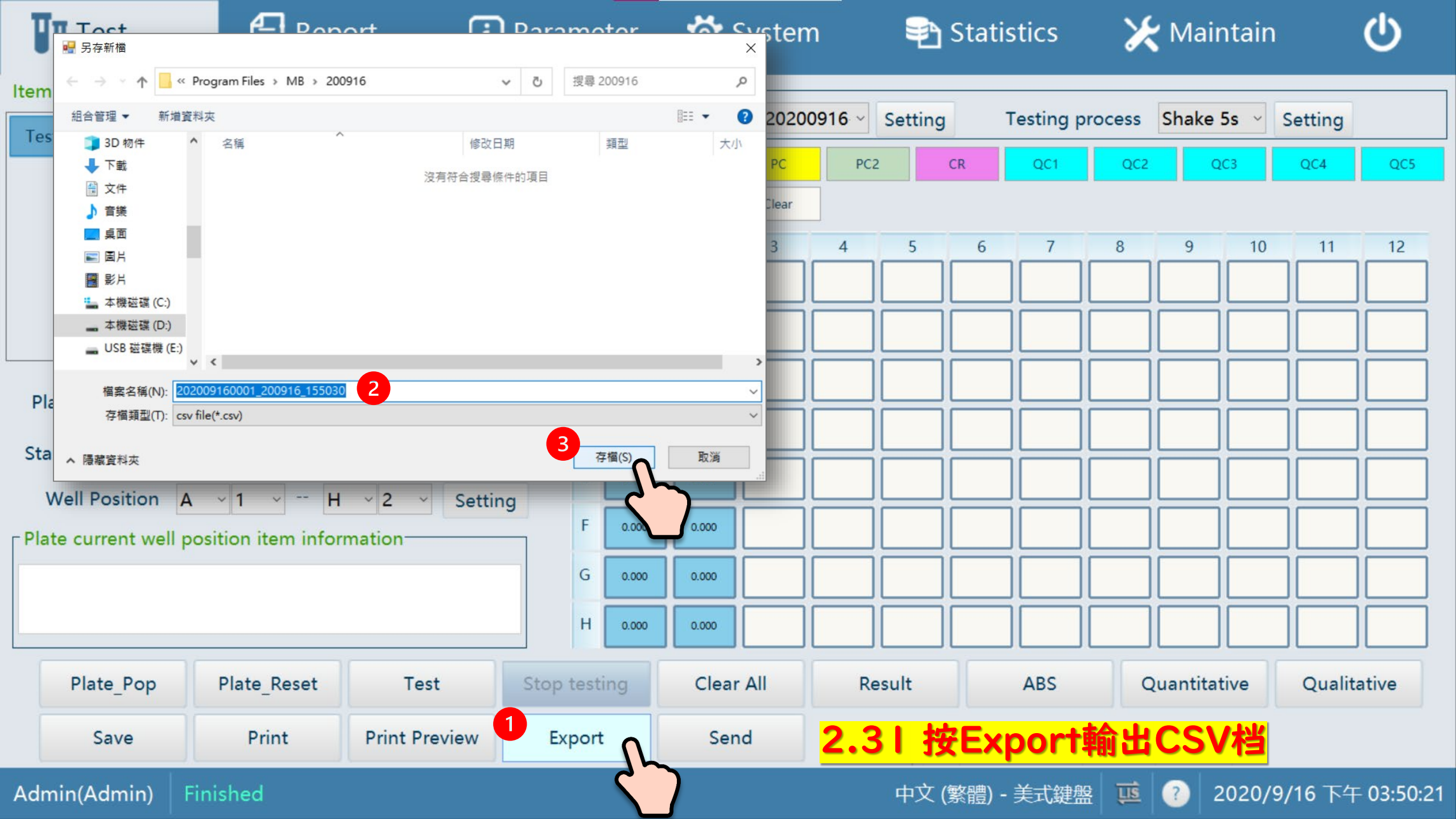
Plate_Pop | Plate_Reset | Test | Stop testing | Clear All | Result | ABS | Quantitative | Qualitative

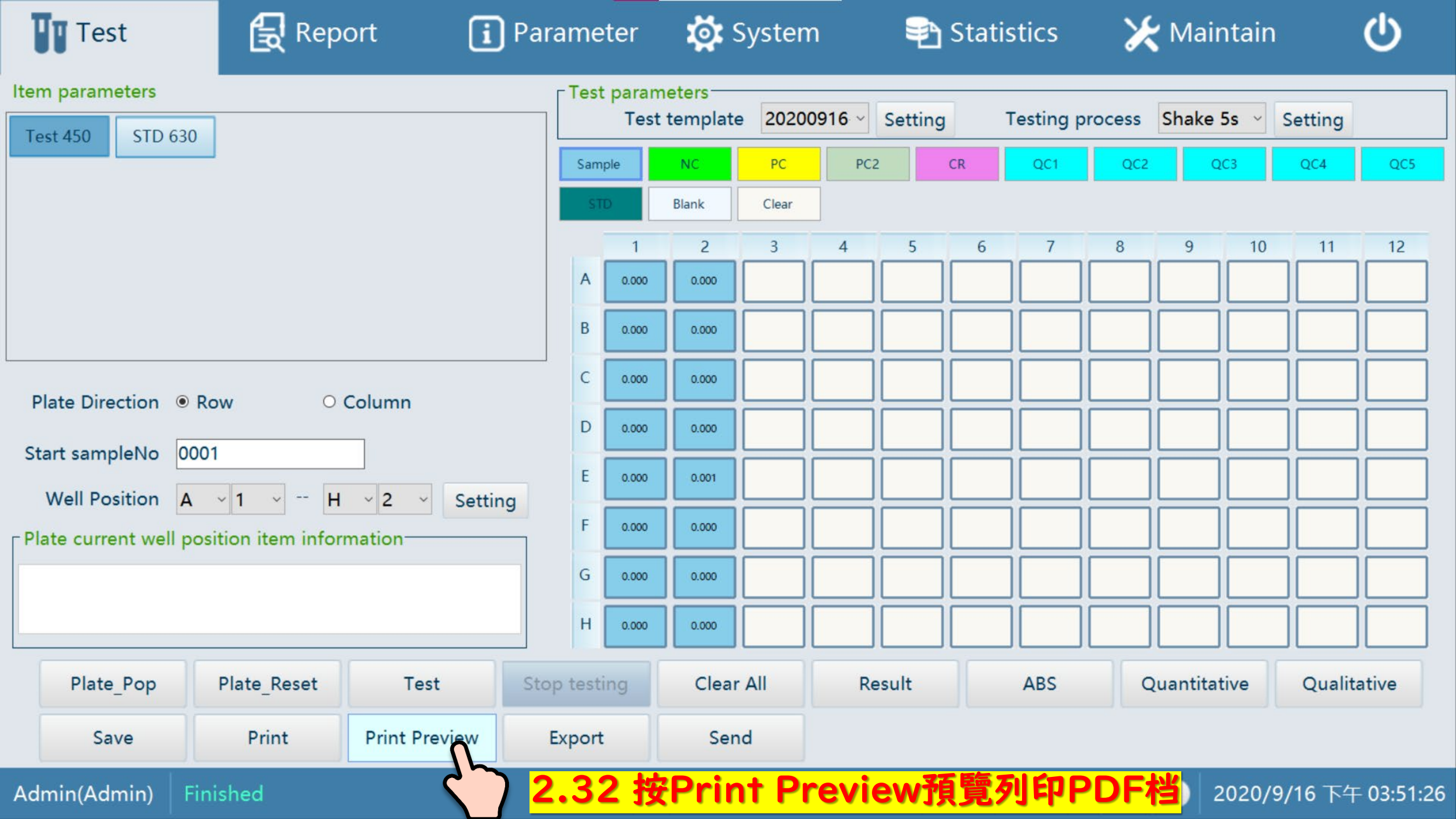
Save | Print | Print Preview | Export | Send

2.29 按 ABS顯示吸光值

Admin(Admin) | Finished | 中文 (繁體) - 美式鍵盤 | 2020/9/16 下午 03:49:13


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
F
G
H
0.000
Set Board Number
Plate
202009160001
2
3
Save
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
2
Setting
Plate current well position item information
2.30 按Save進行存档
（一定要先存档才能輸出CSV档）
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
1
Save
Print
Print Preview
Export
Send
Admin(Admin)
nished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:49:48


Test
Report
Parameter
System
Statistics
Maintain
另存新檔
Program Files › MB › 200916
搜尋 200916
組合管理
新增資料夾
3D 物件
下載
文件
音樂
桌面
圖片
影片
本機磁碟 (C:)
本機磁碟 (D:)
USB 磁碟機 (E:)
名稱
修改日期
類型
大小
沒有符合搜尋條件的項目
檔案名稱(N): 202009160001_200916_155030
存檔類型(T): csv file(*.csv)
隱藏資料夾
存檔(S)
取消
2
3
20200916
Setting
Testing process
Shake 5s
Setting
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
Clear
Well Position
A
1
H
2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
1
2.3 | 按Export輸出CSV档
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:50:21


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0.000 0.000
B 0.000 0.000
C 0.000 0.000
D 0.000 0.000
E 0.000 0.001
F 0.000 0.000
G 0.000 0.000
H 0.000 0.000
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
Finished
2.32 按Print Preview預覽列印PDF档
2020/9/16 下午 03:51:26

預覽列印

關閉(C)

頁面(P) 1

列印

2.33 按列印輸出成PDF档

Item name: Test 450 | Full name: | Method:ABS

Range:0.000-1.000 | Wavelength:450nm | Reagent name:

Manufacturer: | Reagent Lot: | Reagent Period:

QC: | QC Lot: | QC Period:

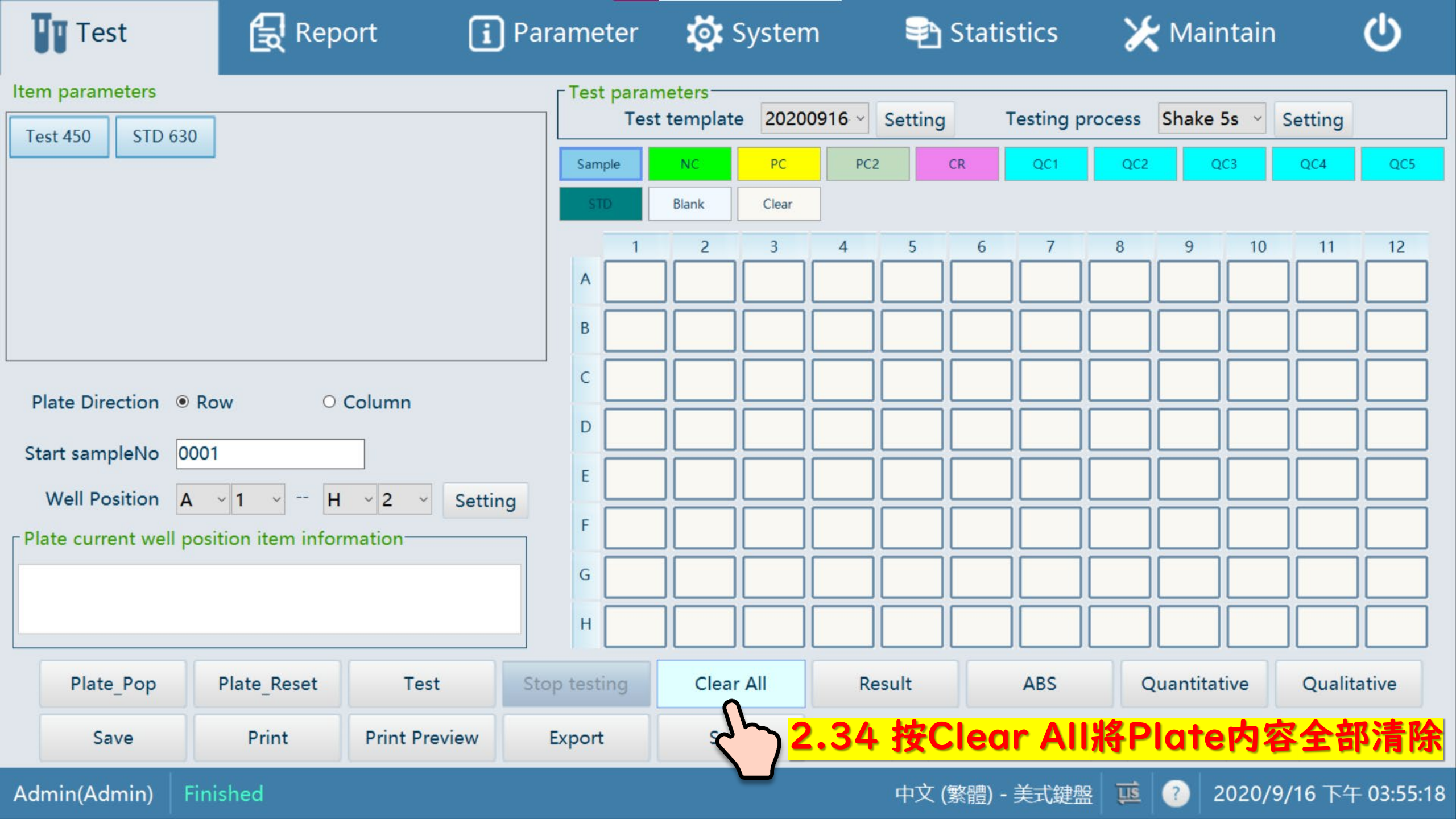
QCcontent: | Temp/Humidity:°C %

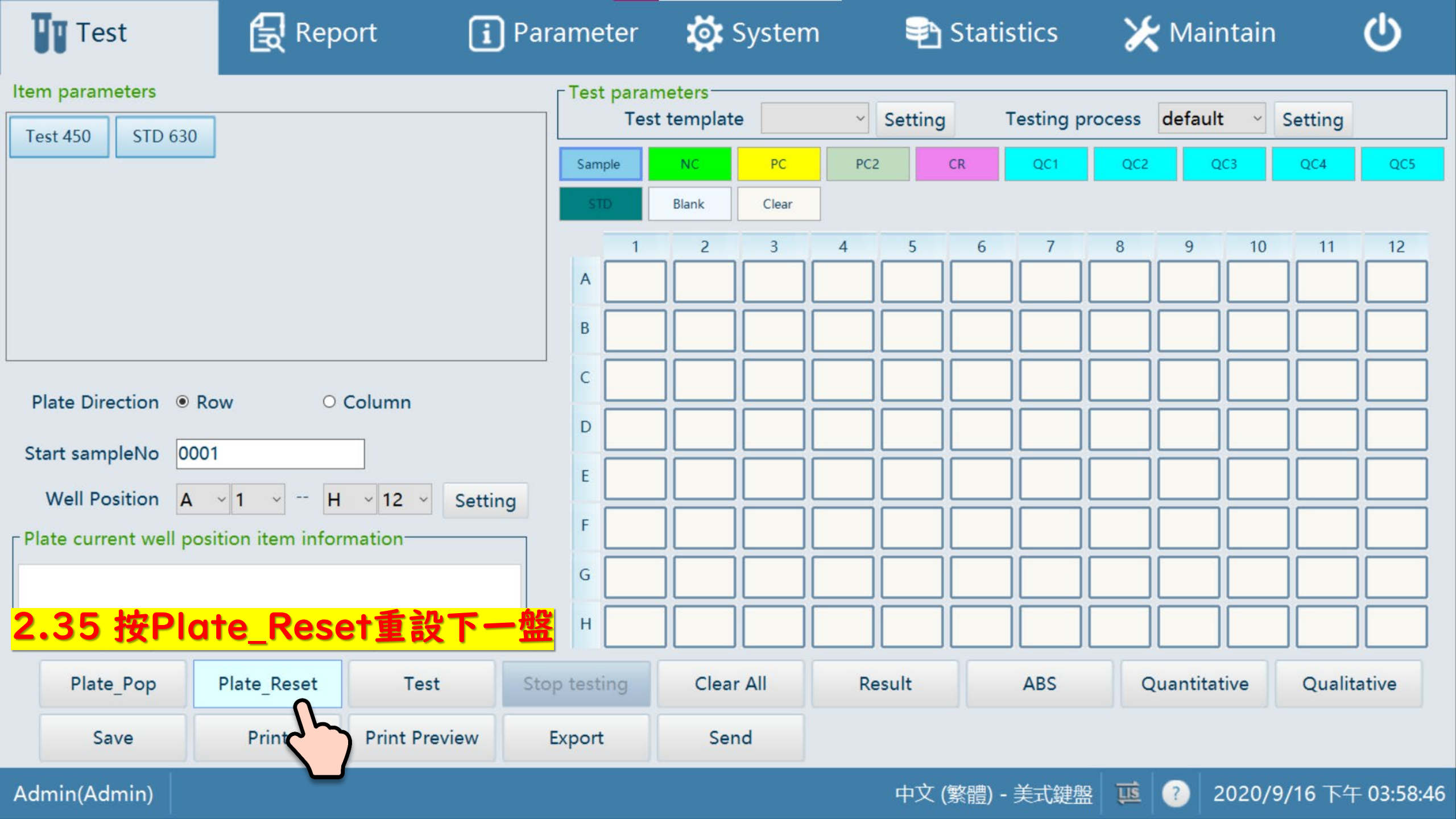
Each square contains at most four rows, which represent the sample number, test results, quantitative results, and qualitative results.

	1	2	3	4	5	6	7	8	9	10	11	12
A	0001 0.000 0.000	0002 0.000 0.000										
B	0003 0.000 0.000	0004 0.000 0.000										
C	0005 0.000 0.000	0006 0.000 0.000										
D	0007 0.000 0.000	0008 0.000 0.000										
E	0009 0.000 0.000	0010 0.001 0.000										
F	0011 0.000 0.000	0012 0.000 0.000										
G	0013 0.000 0.000	0014 0.000 0.000										
H	0015 0.000 0.000	0016 0.000 0.000										

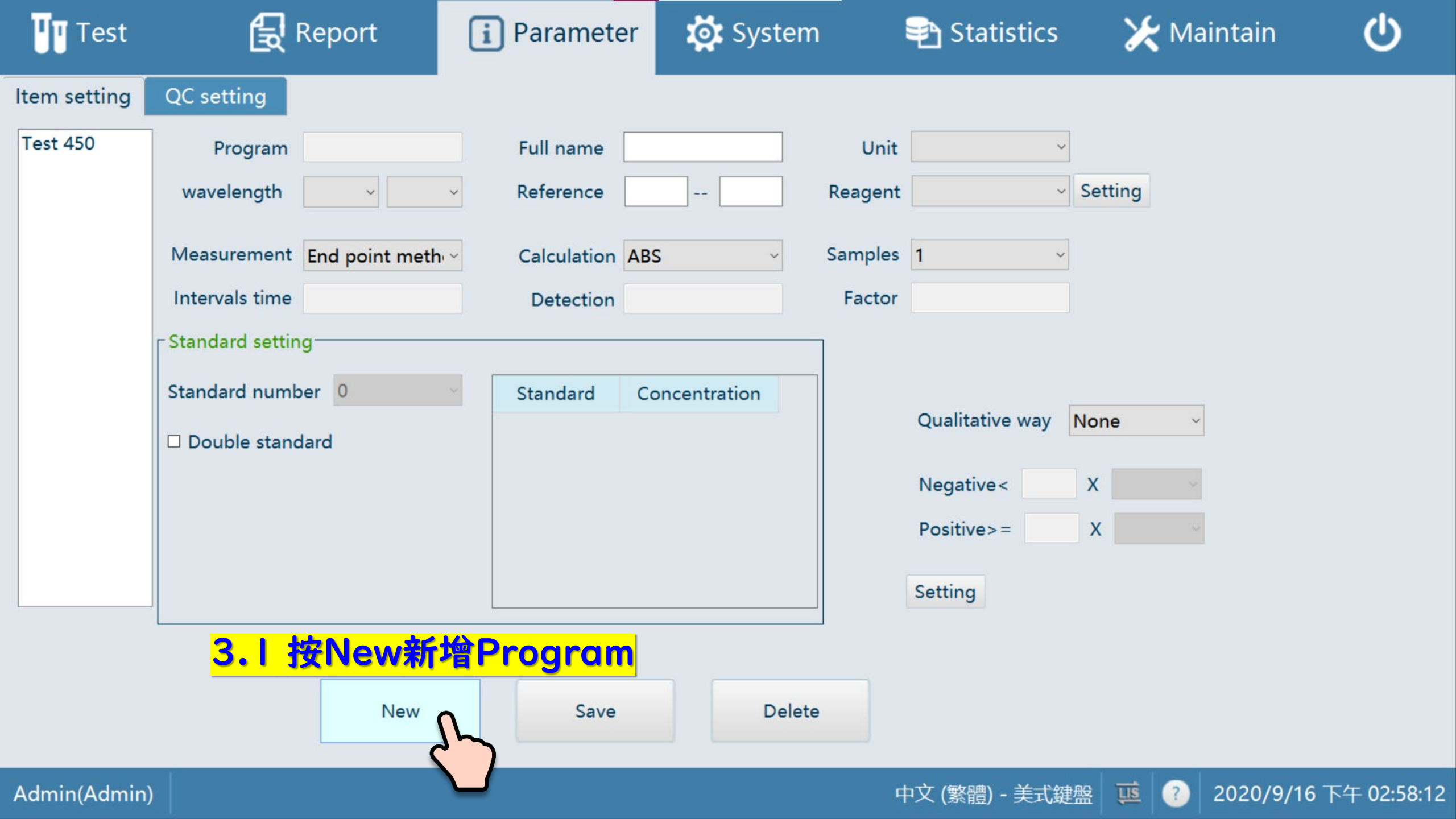
Print date:2020-09-16 Test time:2020-09-16 15:50:12 Tester:Admin Approver:

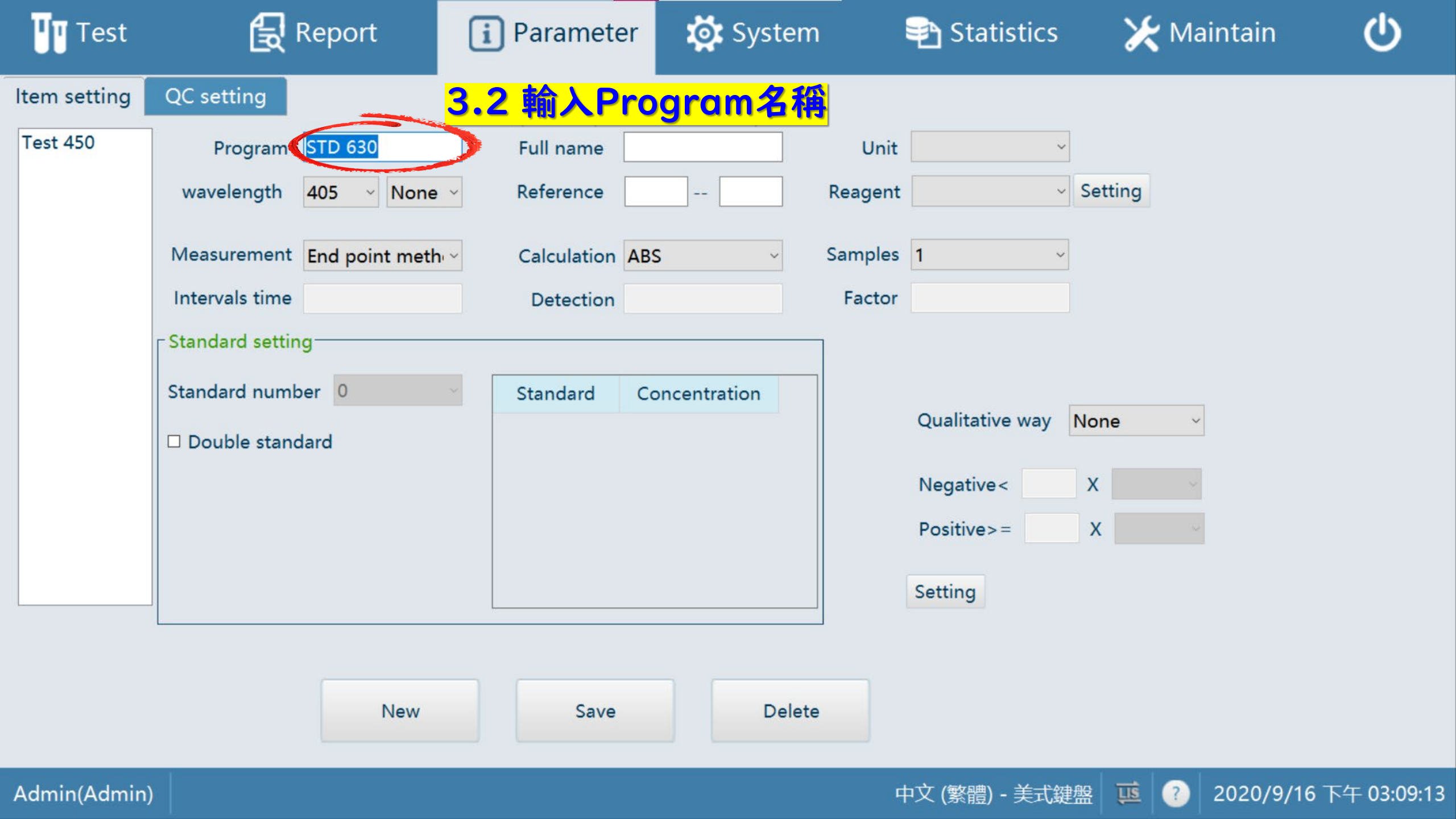
Admin(Admin) Finished 中文 (繁體) - 美式鍵盤 2020/9/16 下午 03:51:47

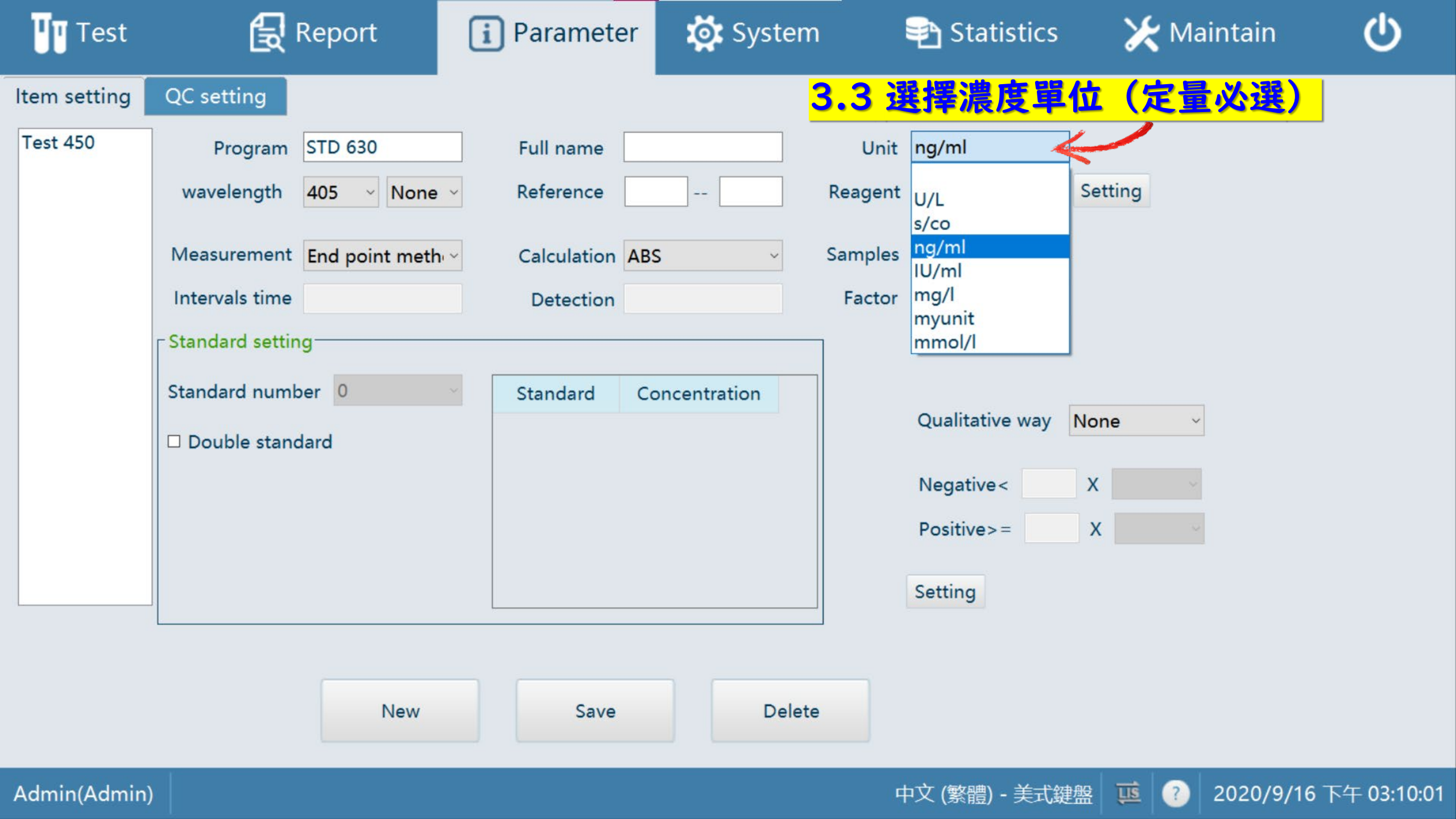

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
20200916
Setting
Testing process
Shake 5s
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
2
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
2.34 按Clear All將Plate內容全部清除
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:55:18

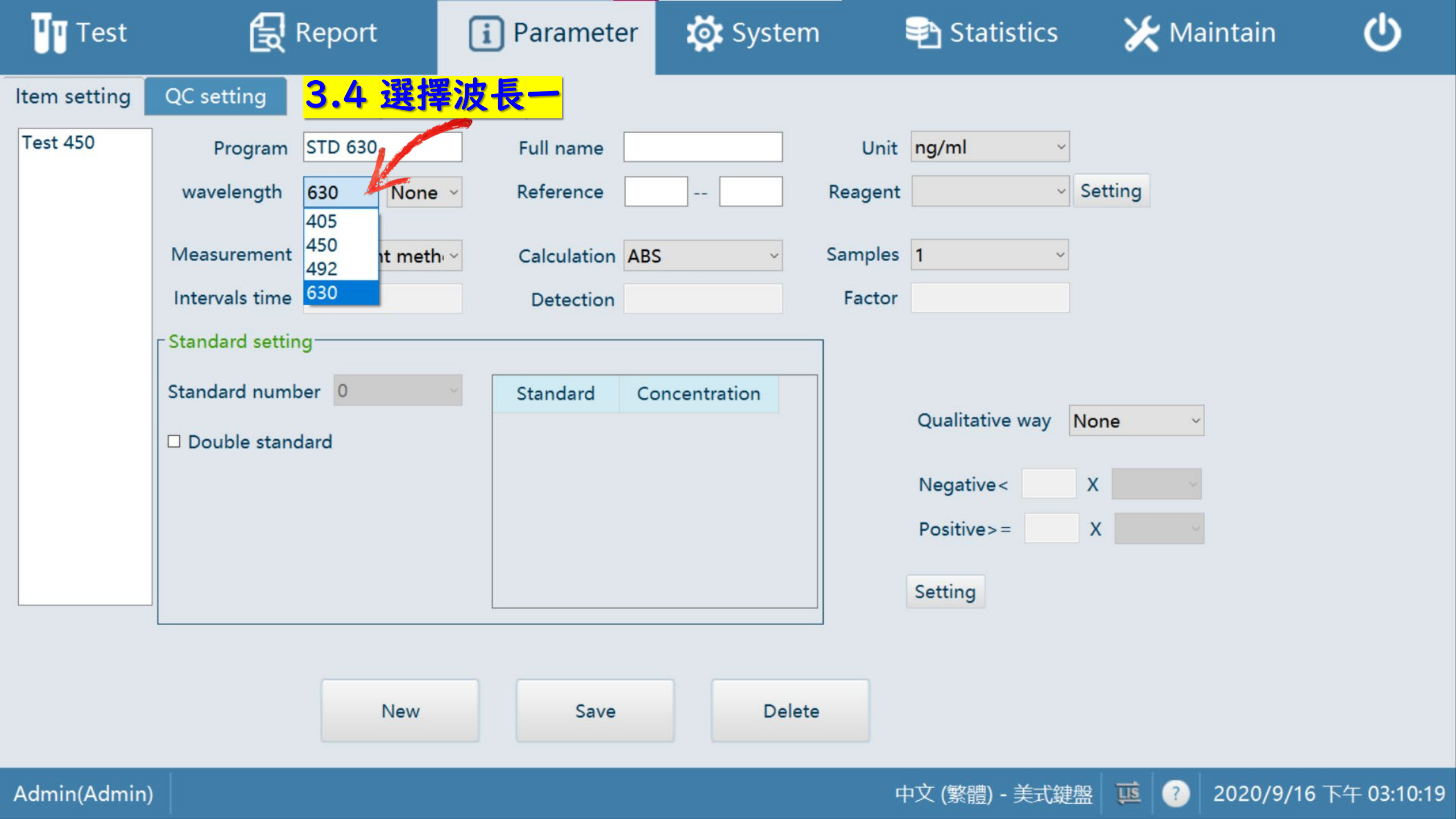

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
2.35 按Plate_Reset重設下一盤
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:58:46

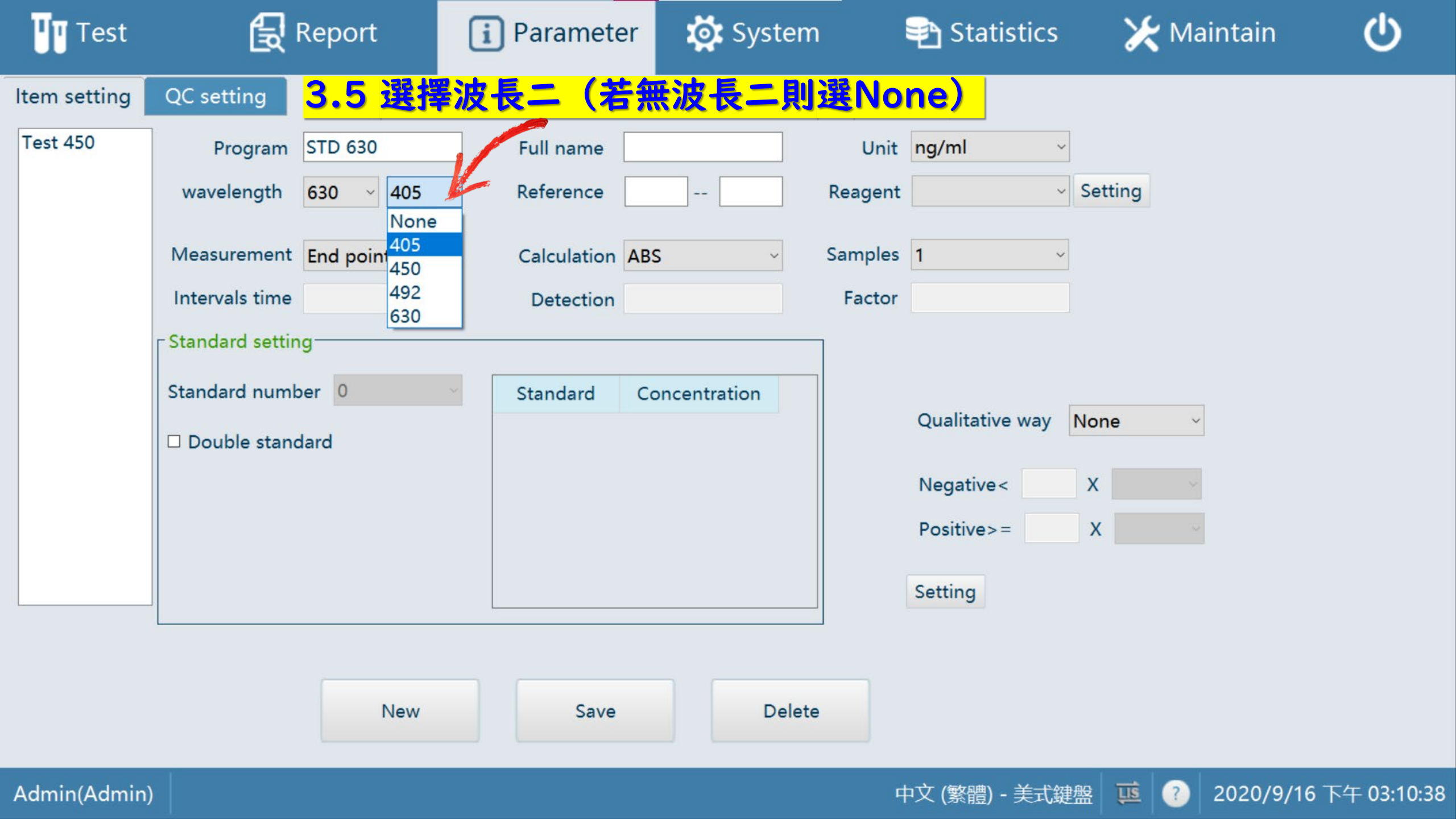
3. Standard定量

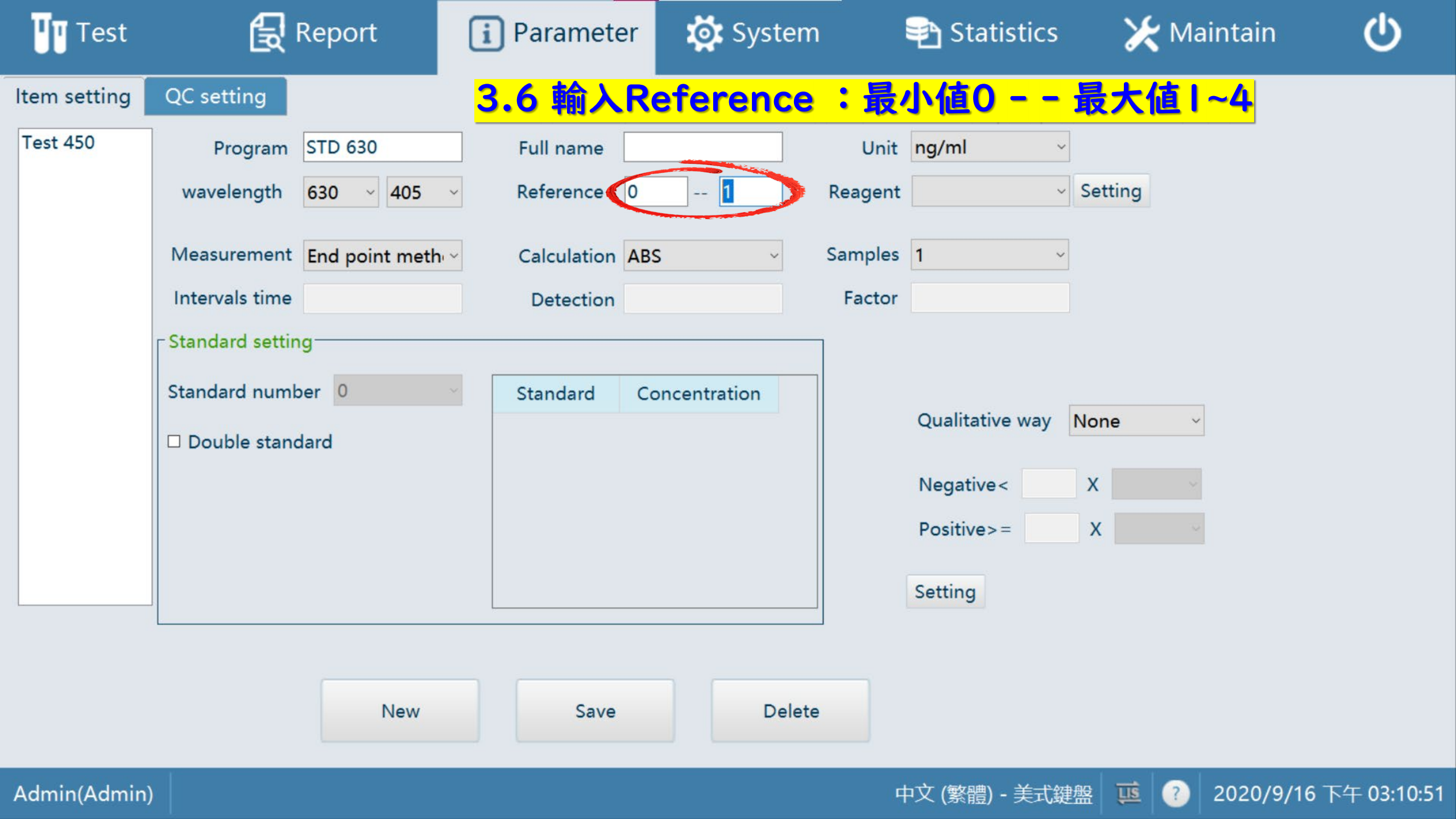

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
Full name
Unit
wavelength
Reference
--
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
3.1 按New新增Program
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 02:58:12

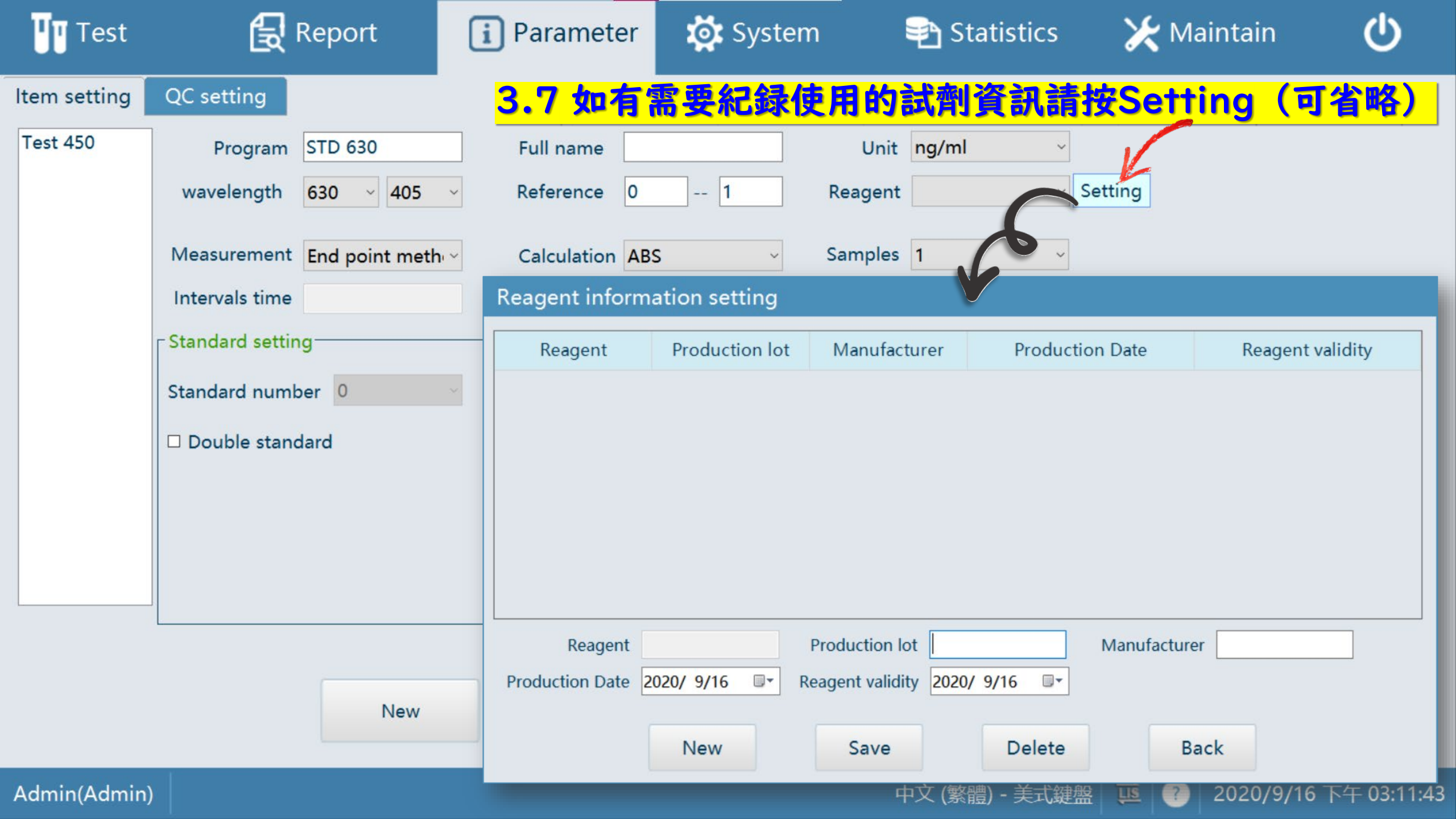

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.2 輸入Program名稱
Test 450
Program
STD 630
Full name
Unit
wavelength
405
None
Reference
--
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Double standard
Standard
Concentration
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:09:13

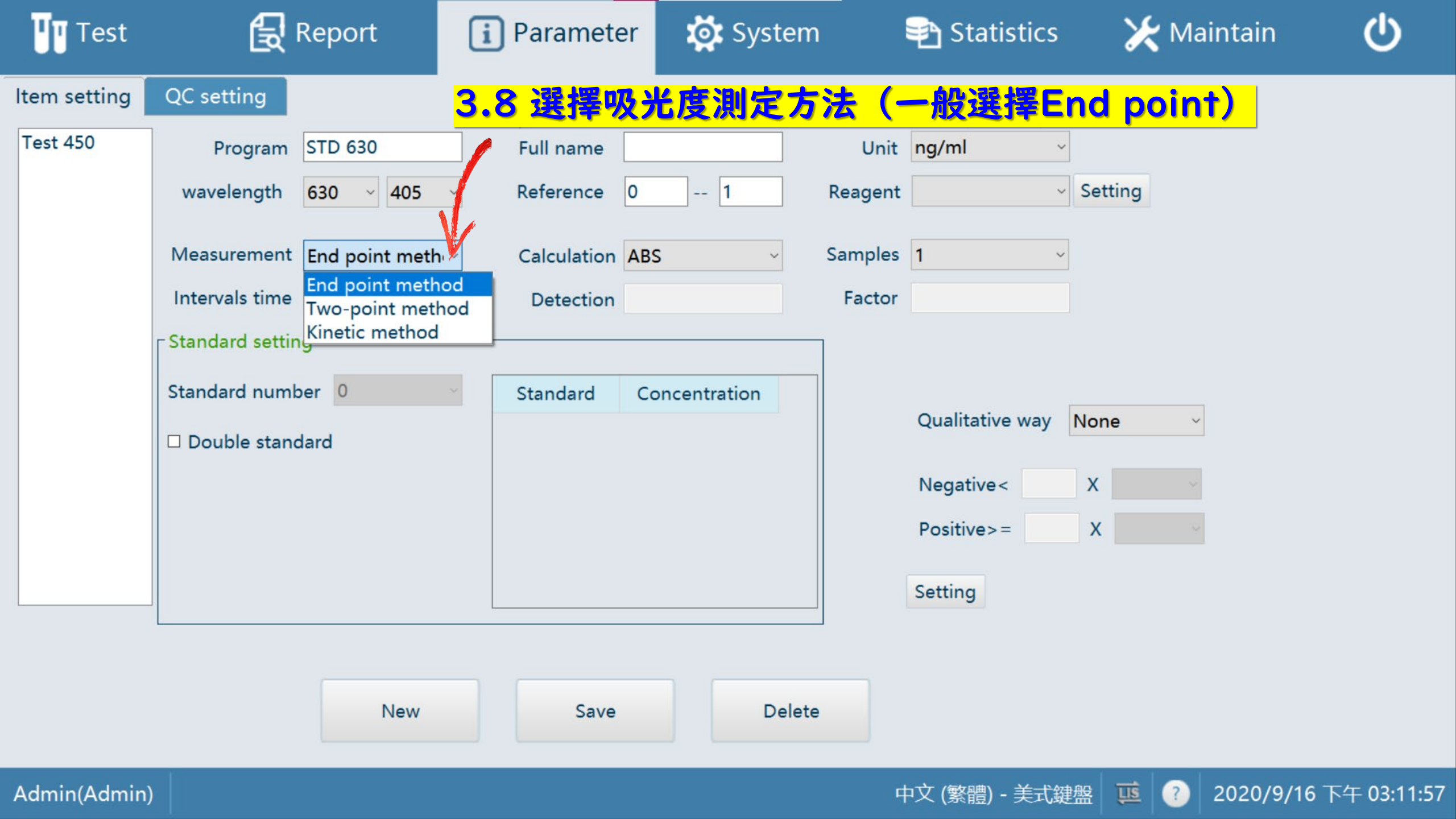

Test
Report
Parameter
System
Statistics
Maintain
3.3 選擇濃度單位（定量必選）
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
405
None
Reference
--
Reagent
Setting
U/L
s/co
ng/ml
IU/ml
mg/l
myunit
mmol/l
Measurement
End point meth
Calculation
ABS
Samples
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:10:01

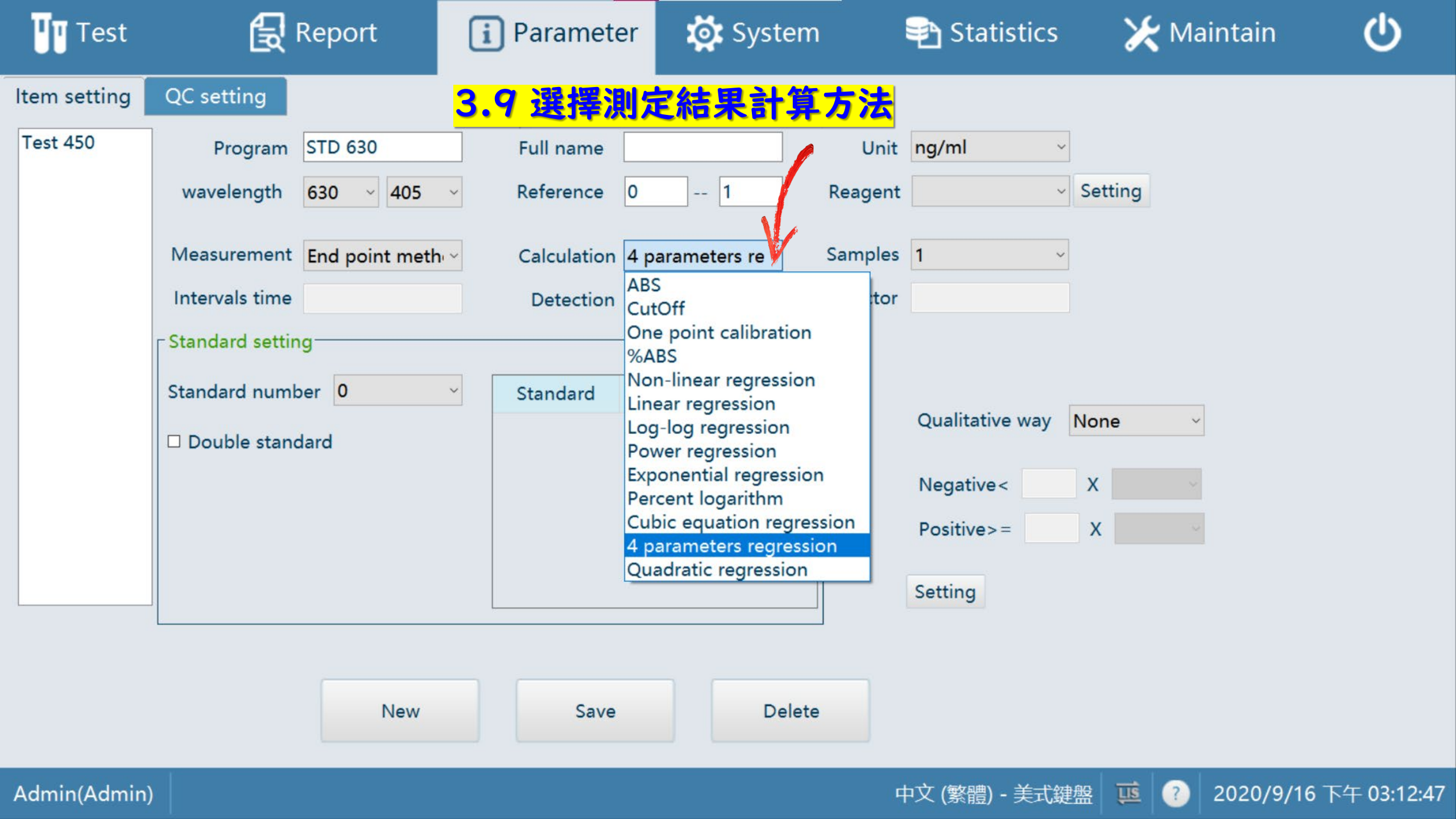

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.4 選擇波長一
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
None
405
450
492
630
Reference
--
Reagent
Setting
Measurement
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:10:19

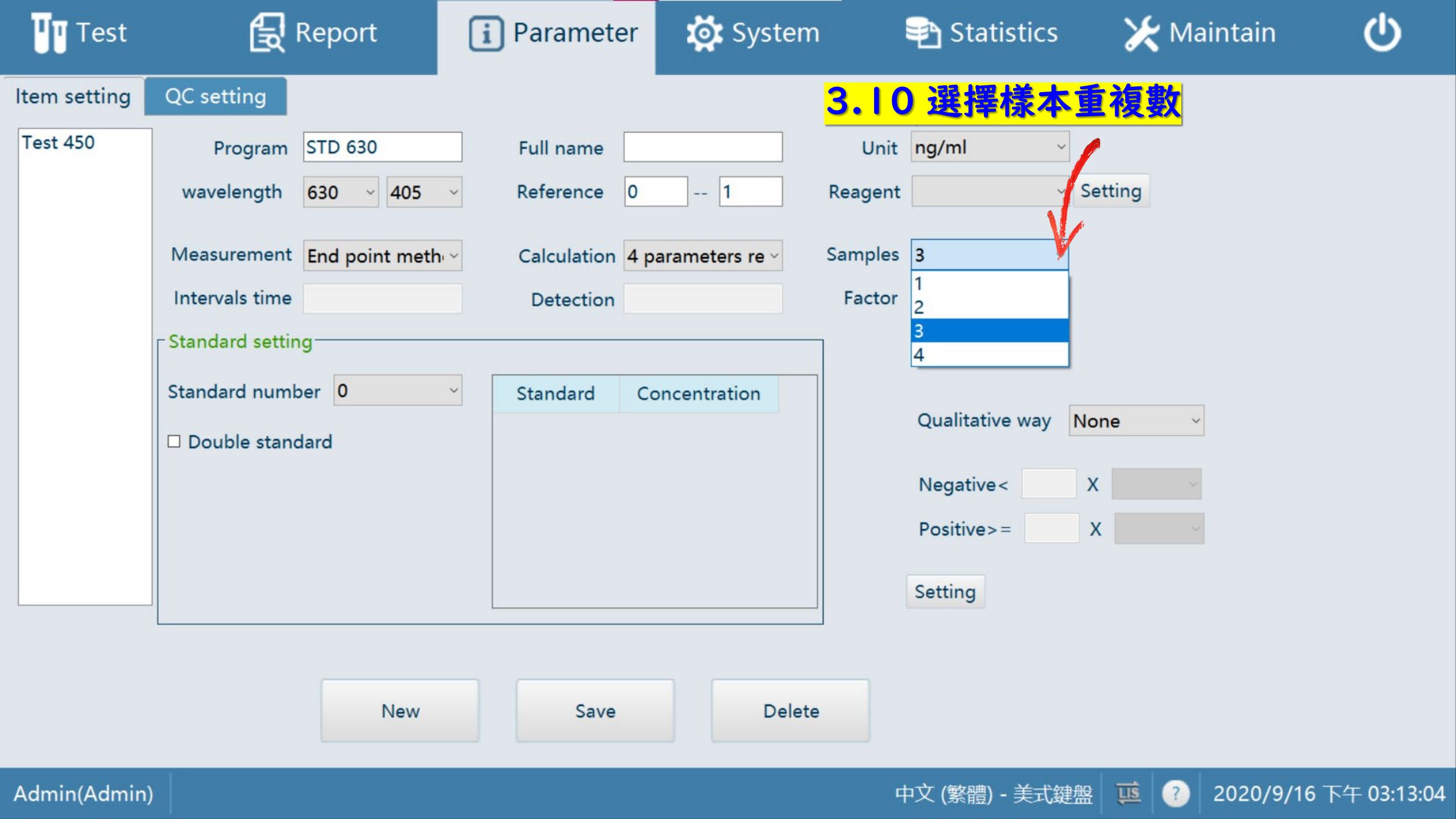

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.5 選擇波長二（若無波長二則選None）
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
None
405
450
492
630
Reference
--
Reagent
Setting
Measurement
End point
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:10:38

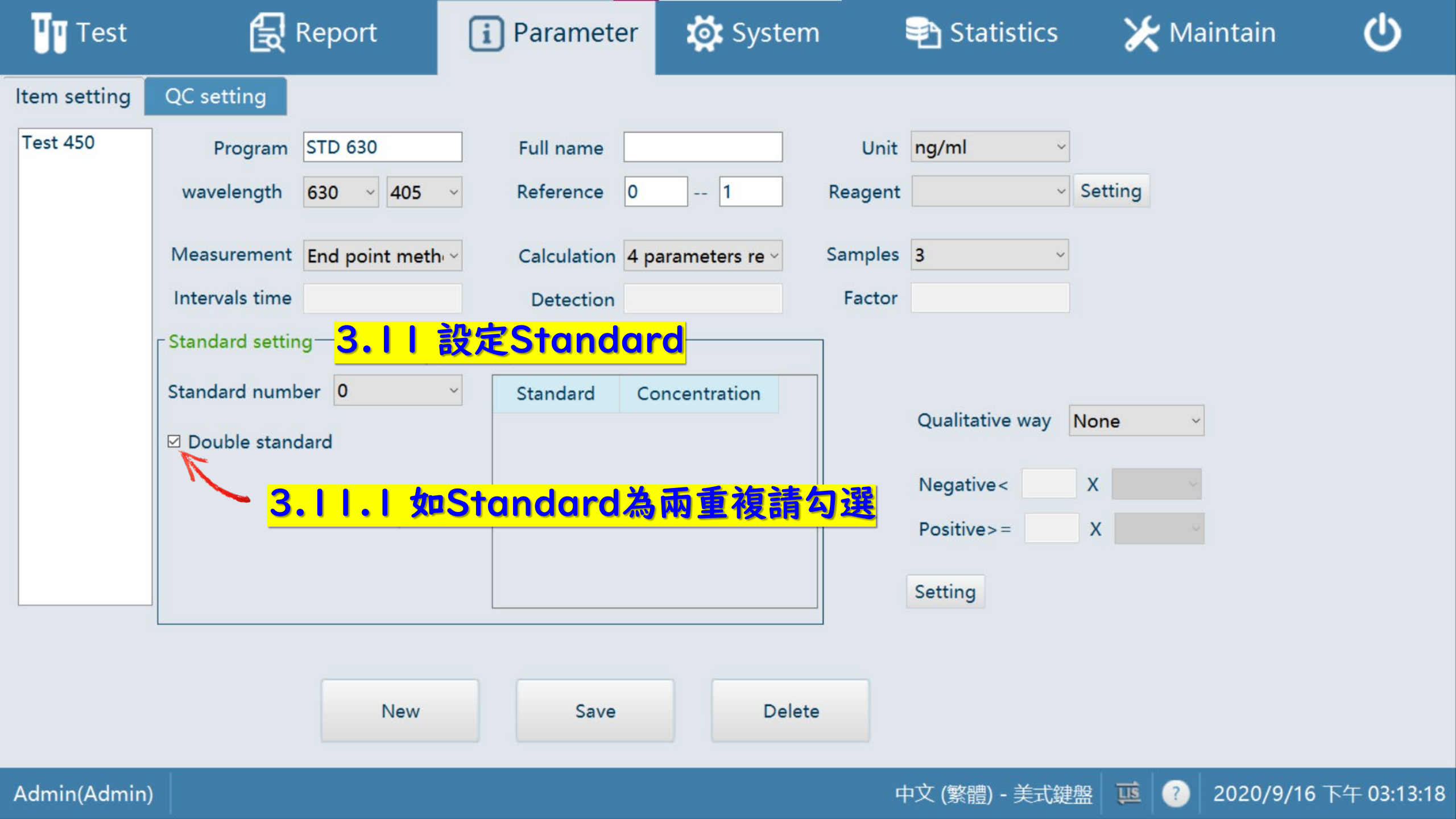

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.6 輸入Reference ：最小值0 - - 最大值1~4
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:10:51

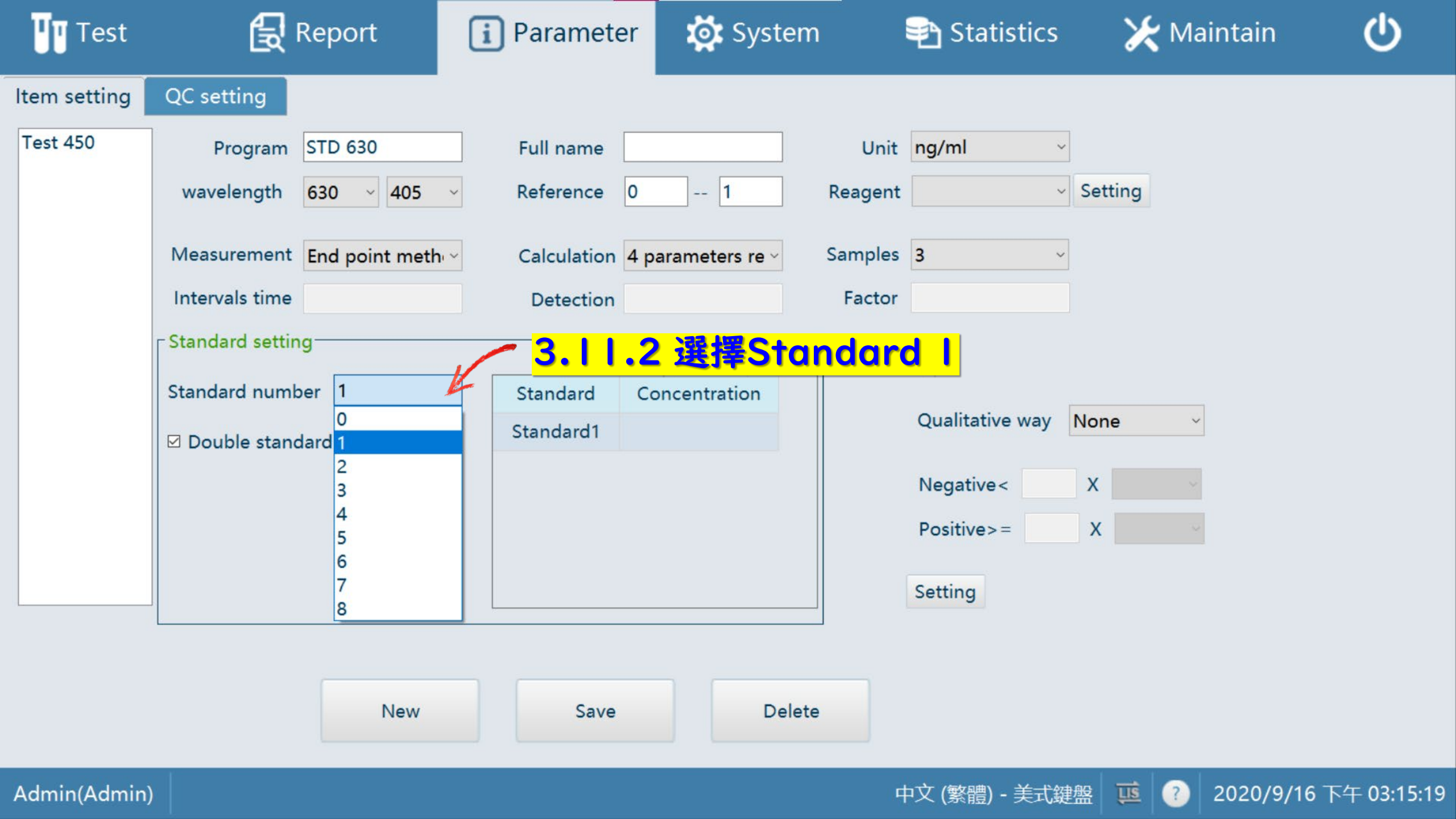

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.7 如有需要紀錄使用的試劑資訊請按Setting（可省略）
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
Intervals time
Standard setting
Standard number
0
Double standard
Reagent information setting
Reagent
Production lot
Manufacturer
Production Date
Reagent validity
Reagent
Production lot
Manufacturer
Production Date
2020/ 9/16
Reagent validity
2020/ 9/16
New
New
Save
Delete
Back
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:11:43

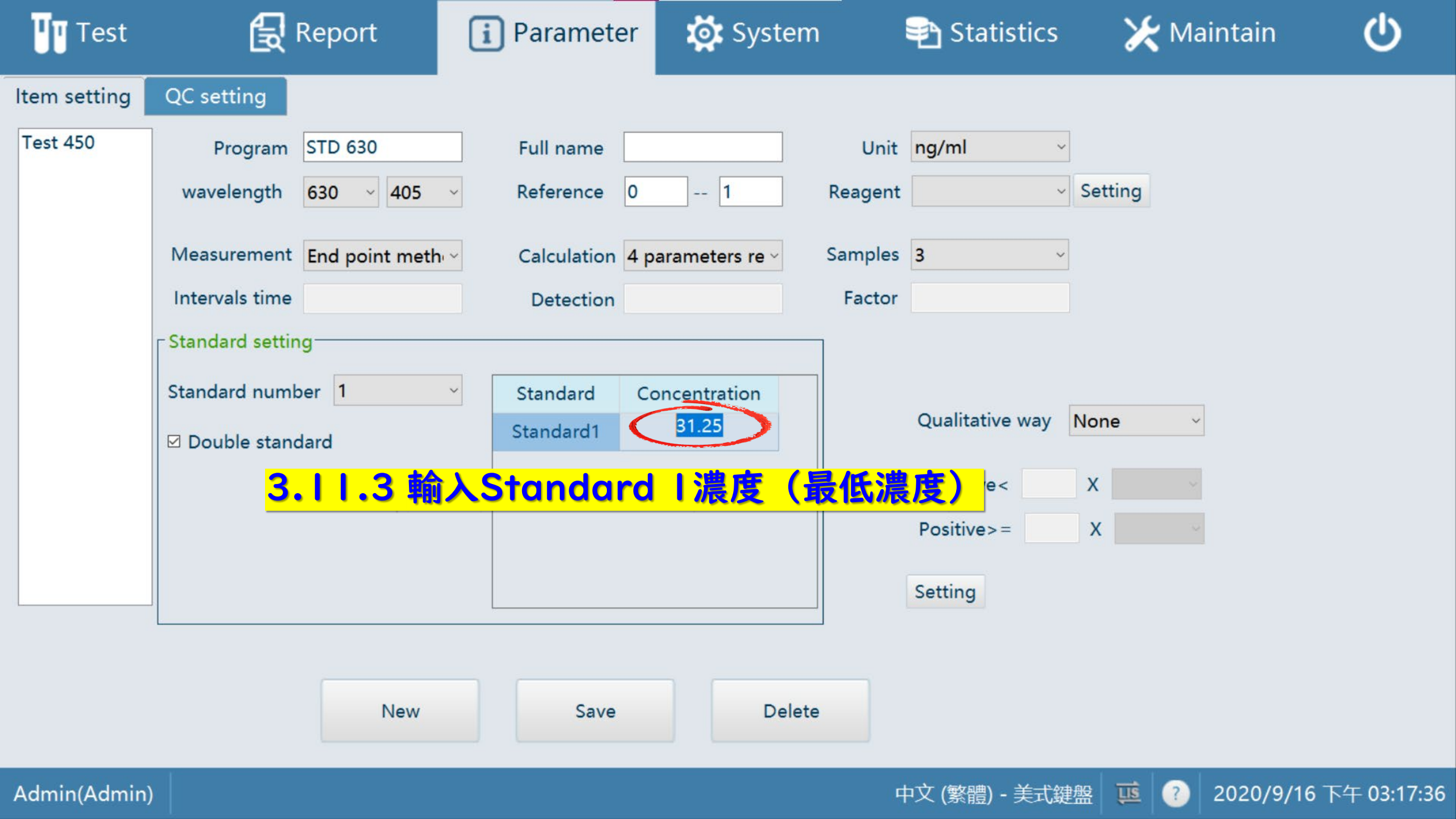

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.8 選擇吸光度測定方法（一般選擇End point）
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
ABS
Samples
1
End point method
Two-point method
Kinetic method
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:11:57


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.9 選擇測定結果計算方法
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
1
Intervals time
Detection
tor
ABS
CutOff
One point calibration
%ABS
Non-linear regression
Linear regression
Log-log regression
Power regression
Exponential regression
Percent logarithm
Cubic equation regression
4 parameters regression
Quadratic regression
Standard setting
Standard number
0
Standard
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:12:47


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
3.10 選擇樣本重複數
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
1
2
3
4
Intervals time
Detection
Factor
Standard setting
Standard number
0
Standard
Concentration
Double standard
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:13:04


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
3.11 設定Standard
Standard number
0
Standard
Concentration
Double standard
3.11.1 如Standard為兩重複請勾選
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:13:18


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
3.11.2 選擇Standard 1
Standard number
1
Double standard
0
1
2
3
4
5
6
7
8
Standard
Concentration
Standard1
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:15:19


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
Standard number
1
Double standard
Standard
Concentration
Standard1
31.25
Qualitative way
None
3.11.3 輸入Standard 1濃度（最低濃度）
e<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
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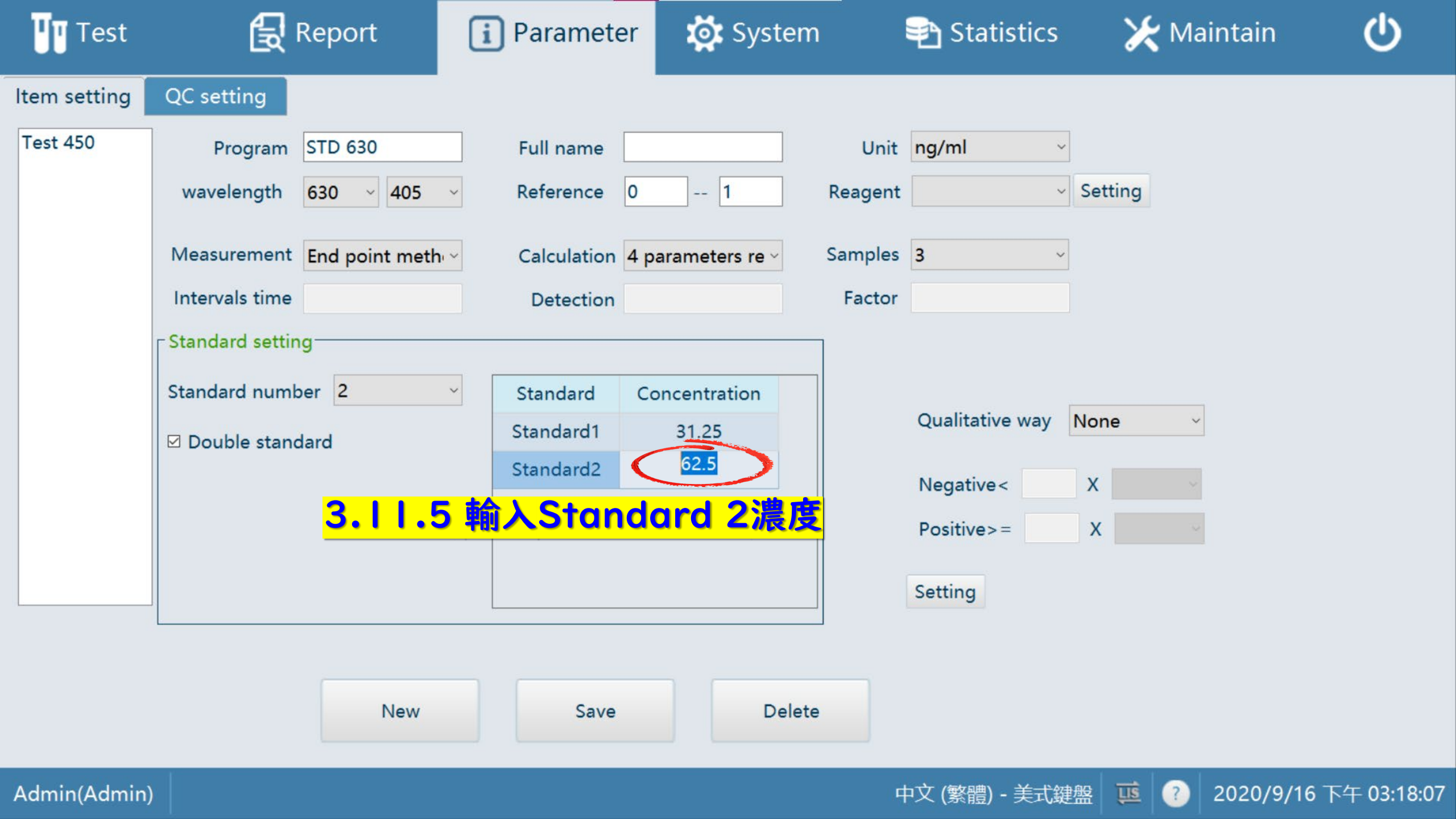
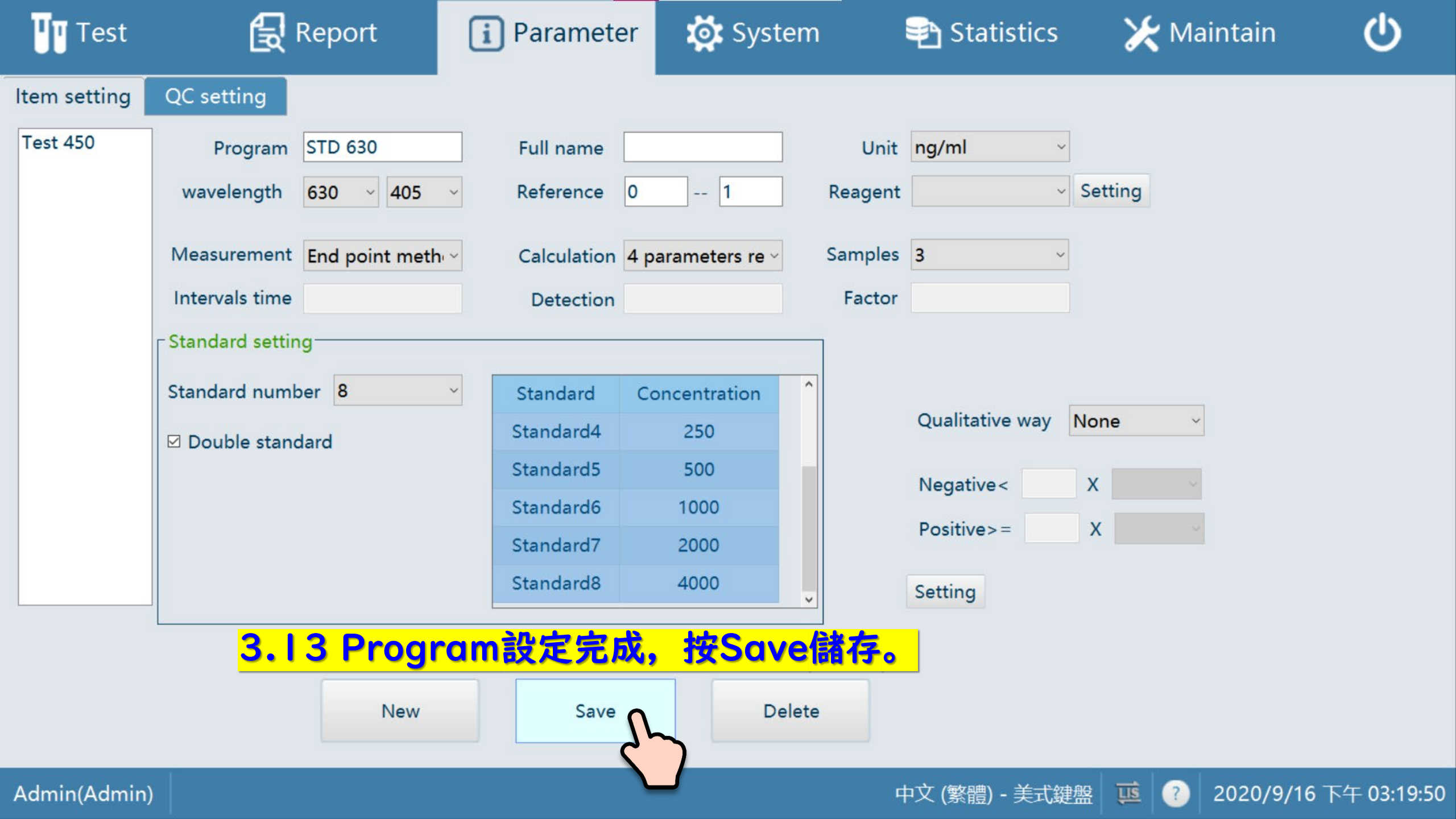
Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
3.1 1.4 選擇Standard 2
Standard number
2
0
1
2
3
4
5
6
7
8
Double standard
Standard
Concentration
Standard1
31.25
Standard2
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:17:55

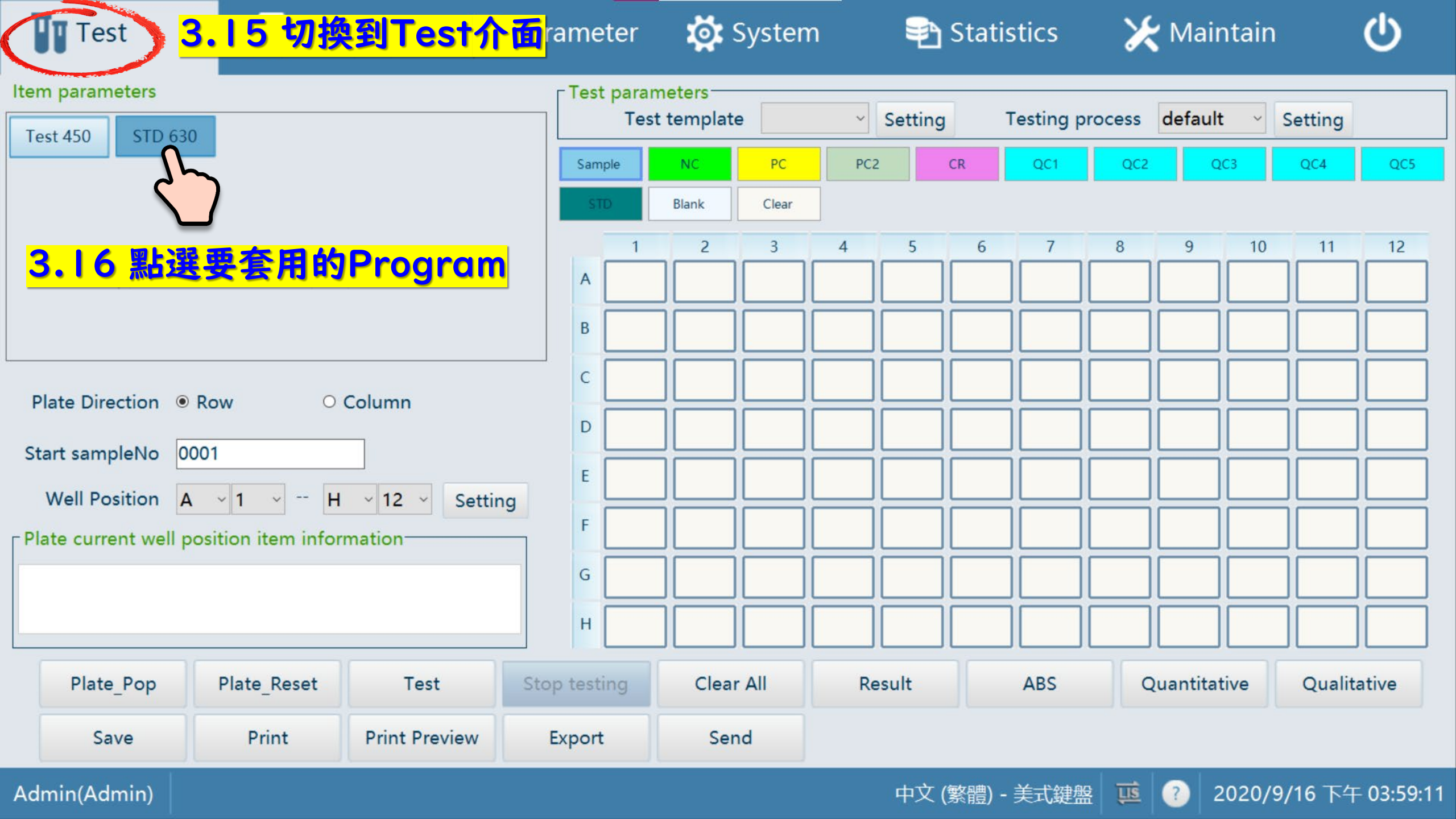

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
Standard number
2
Double standard
Standard
Concentration
Standard1
31.25
Standard2
62.5
Qualitative way
None
Negative<
X
Positive>=
X
Setting
3.1 1.5 輸入Standard 2濃度
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:18:07

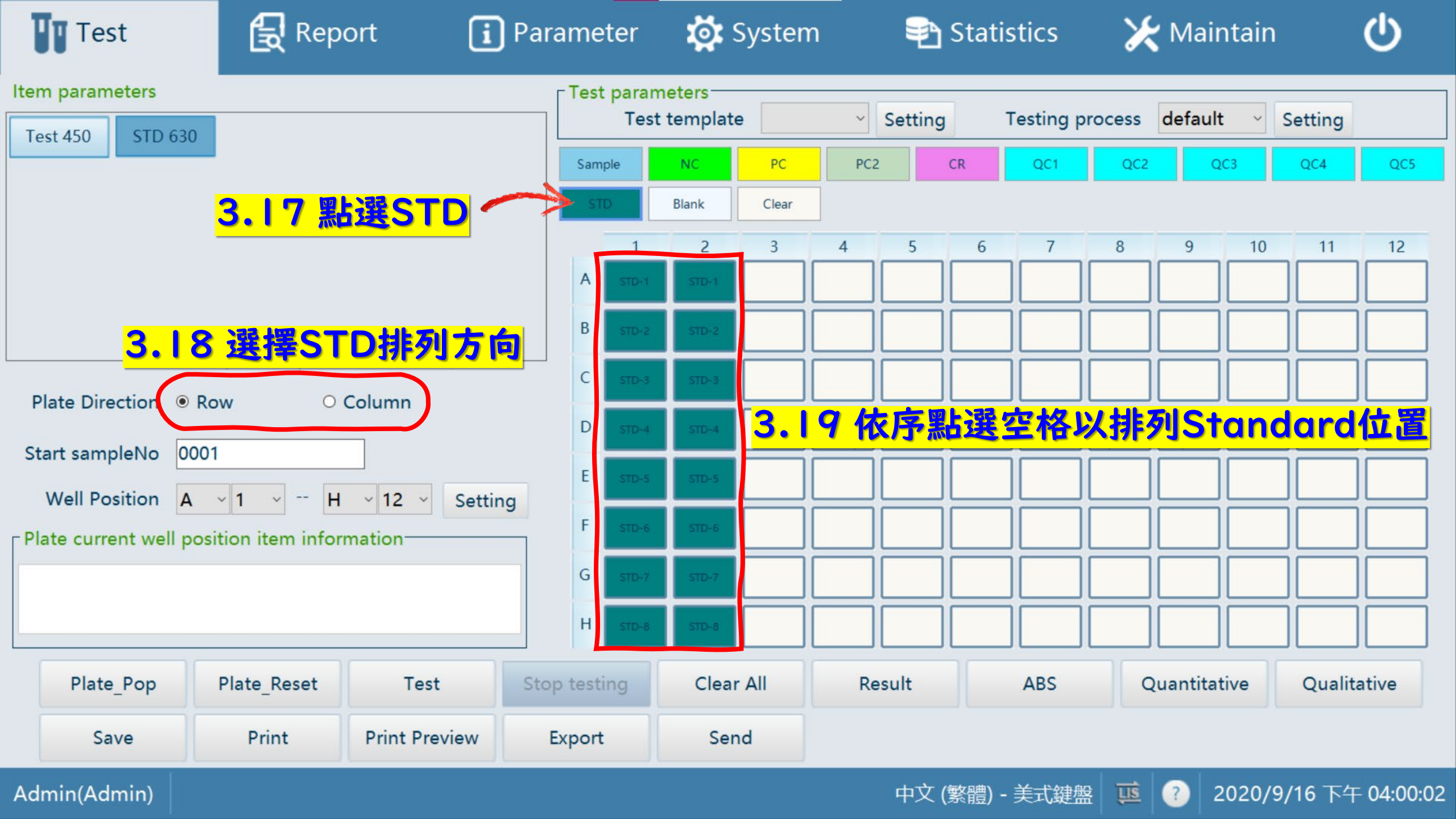

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
Standard number
8
Double standard
Standard
Concentration
Standard4
250
Standard5
500
Standard6
1000
Standard7
2000
Standard8
4000
Qualitative way
None
Negative<
X
Positive>=
X
Setting
3.11.6 以此類推直到Standard 8設定完畢
（Standard 1為最低濃度，Standard 8為最高濃度）
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:18:50

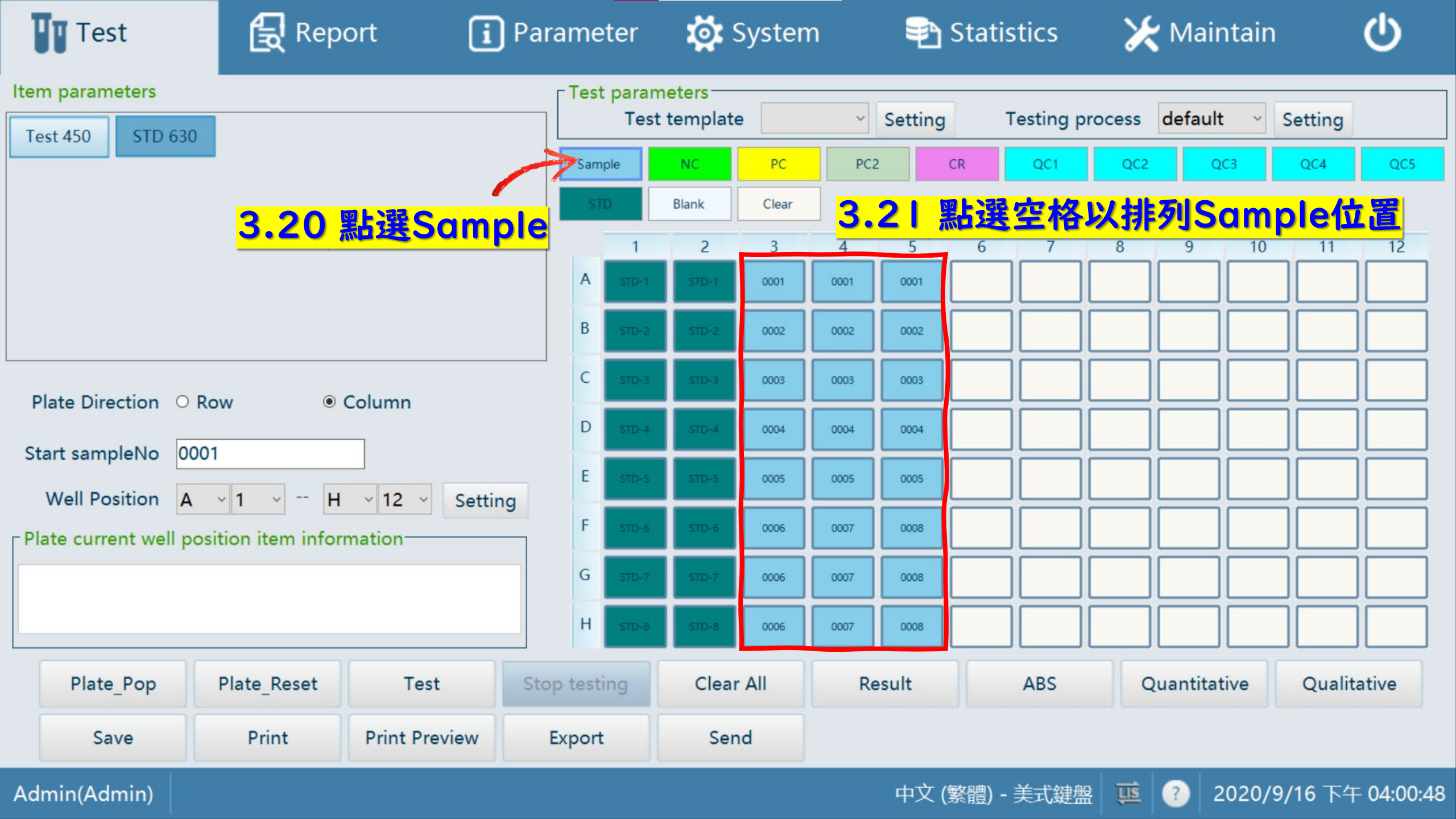

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
3.12 選擇定性方式（非定性分析則選None）
Standard number
8
Double standard
Standard
Concentration
Standard4
250
Standard5
500
Standard6
1000
Standard7
2000
Standard8
4000
Qualitative way
None
None
Positive threshold
Reverse threshold
Negative<
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:19:37

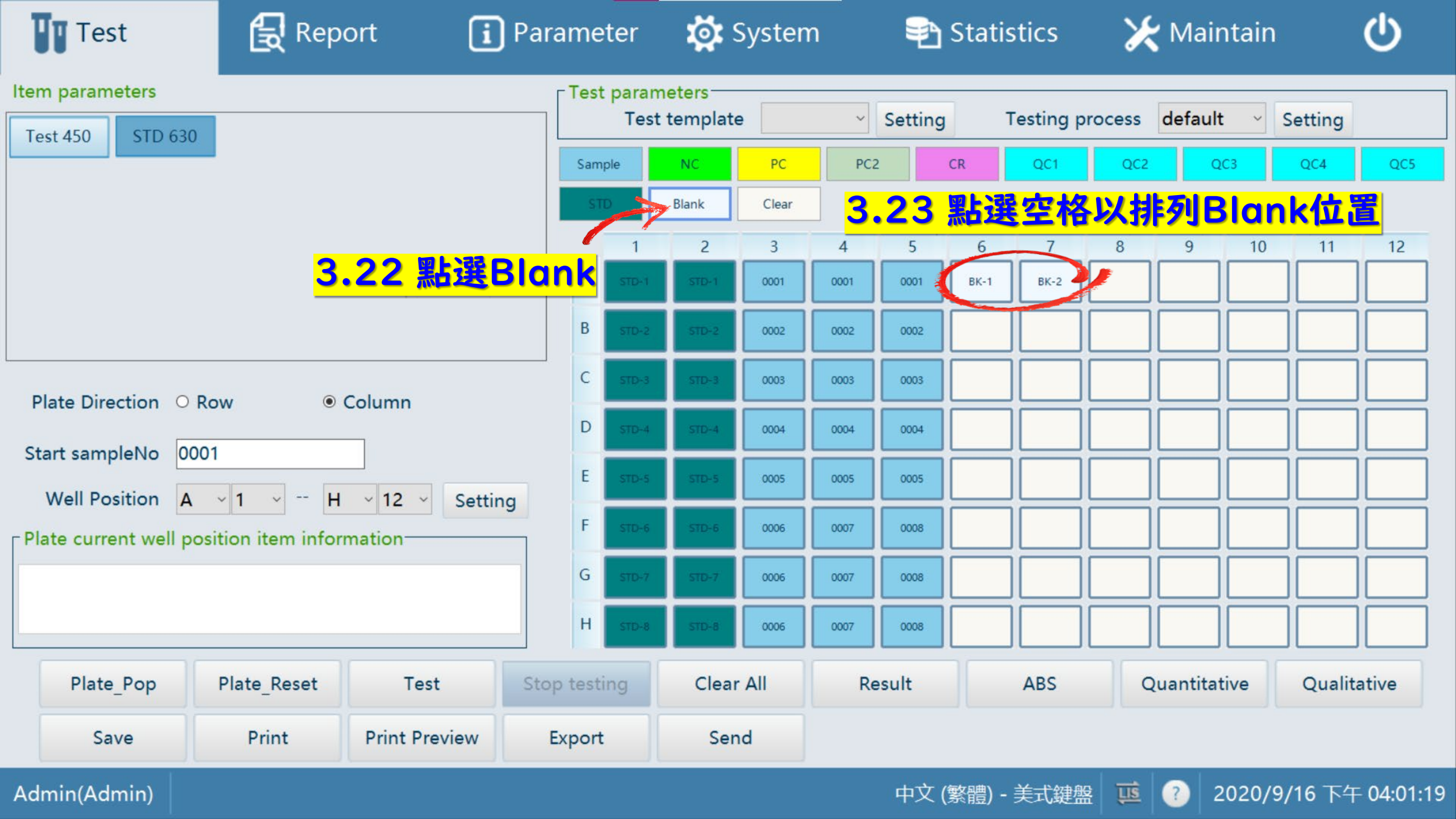

Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
--
1
Reagent
Setting
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
Standard number
8
Double standard
Standard
Concentration
Standard4
250
Standard5
500
Standard6
1000
Standard7
2000
Standard8
4000
Qualitative way
None
Negative<
X
Positive>=
X
Setting
3.13 Program設定完成，按Save儲存。
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:19:50


Test
Report
Parameter
System
Statistics
Maintain
Item setting
QC setting
Test 450
STD 630
Program
STD 630
Full name
Unit
ng/ml
wavelength
630
405
Reference
0
1
Reagent
Setting
3.14 儲存成功的Program會顯示在左側列表
Measurement
End point meth
Calculation
4 parameters re
Samples
3
Intervals time
Detection
Factor
Standard setting
Standard number
8
Double standard
Standard
Concentration
Standard2
62.5
Standard3
125
Standard4
250
Standard5
500
Standard6
1000
Qualitative way
None
Negative<
X
Positive>=
X
Setting
New
Save
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:20:14

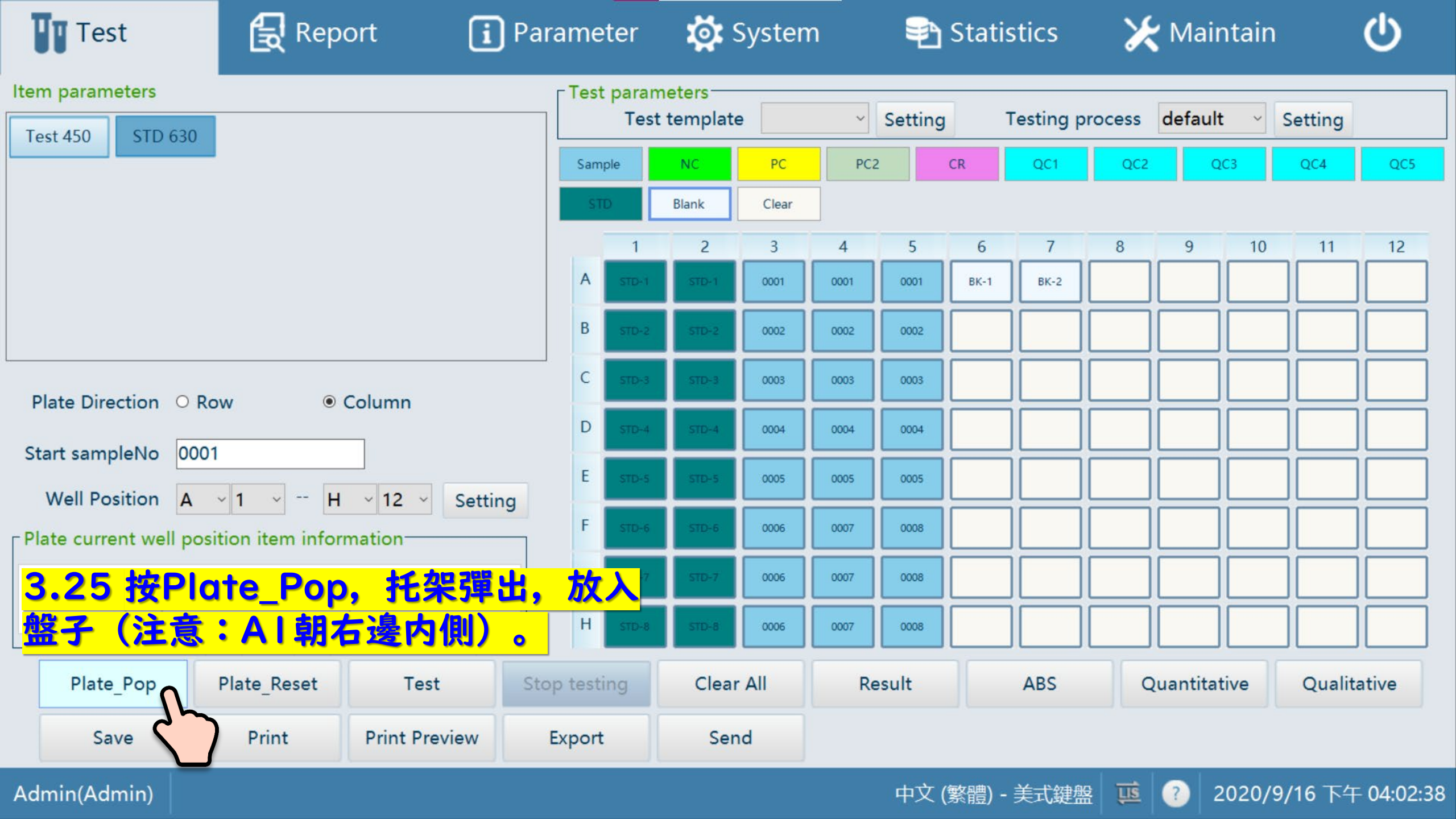

Test
3.15 切換到Test介面
rameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
3.16 點選要套用的Program
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 03:59:11

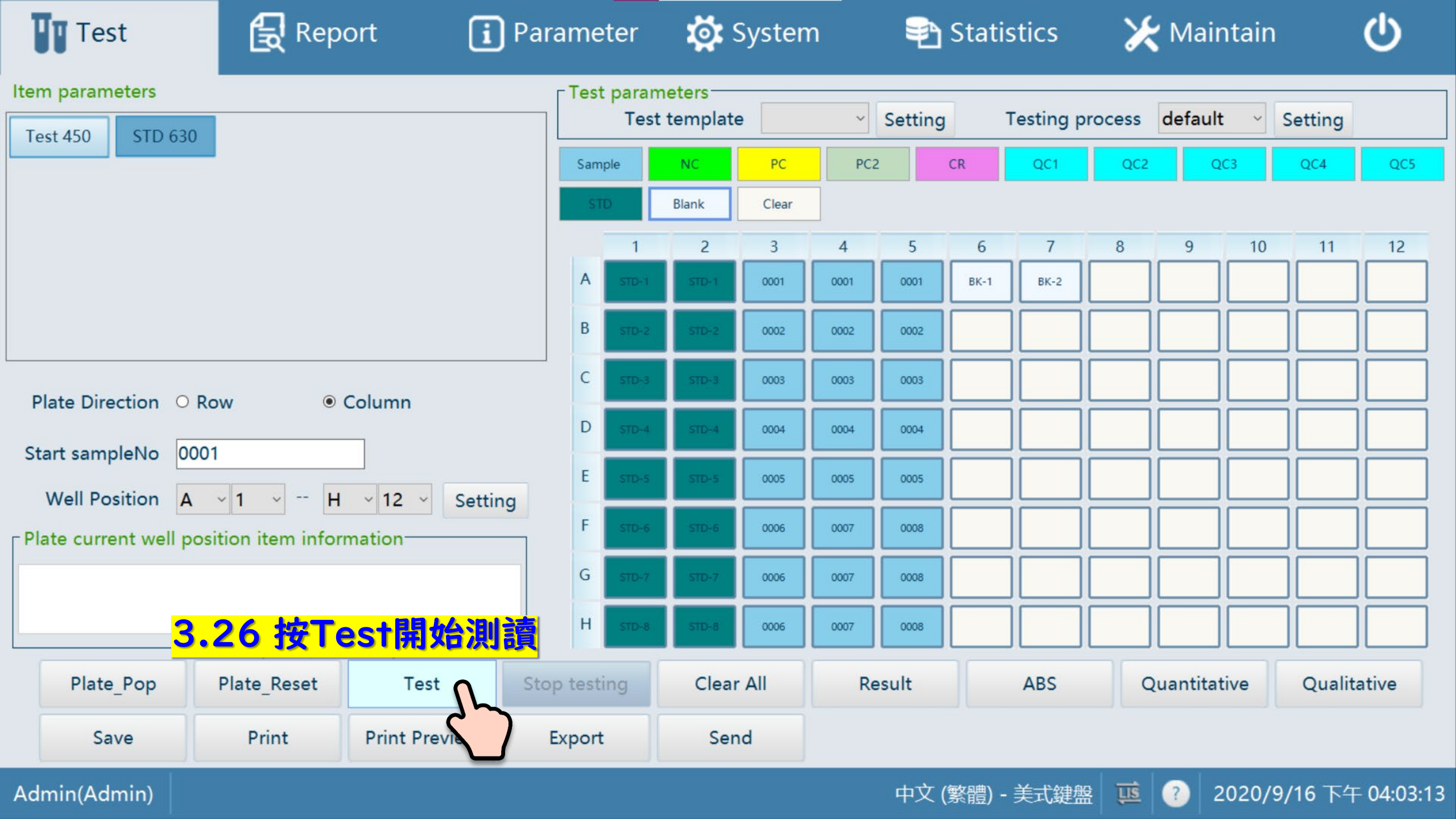

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
3.17 點選STD
3.18 選擇STD排列方向
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
3.19 依序點選空格以排列Standard位置
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:00:02


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
3.20 點選Sample
3.21 點選空格以排列Sample位置
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:00:48

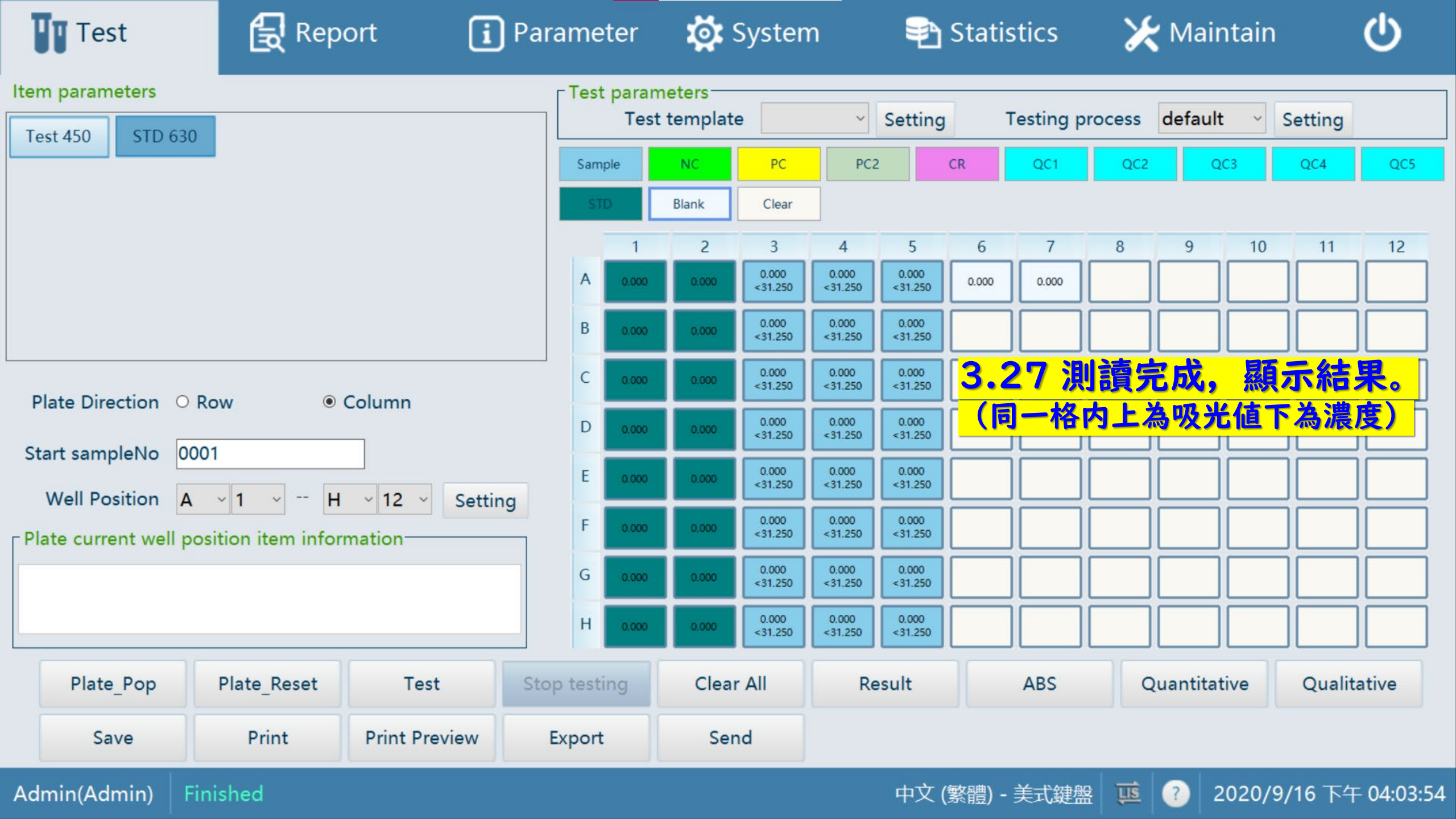

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
3.22 點選Blank
3.23 點選空格以排列Blank位置
1 2 3 4 5 6 7 8 9 10 11 12
A STD-1 STD-1 0001 0001 0001 BK-1 BK-2
B STD-2 STD-2 0002 0002 0002
C STD-3 STD-3 0003 0003 0003
D STD-4 STD-4 0004 0004 0004
E STD-5 STD-5 0005 0005 0005
F STD-6 STD-6 0006 0007 0008
G STD-7 STD-7 0006 0007 0008
H STD-8 STD-8 0006 0007 0008
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:01:19

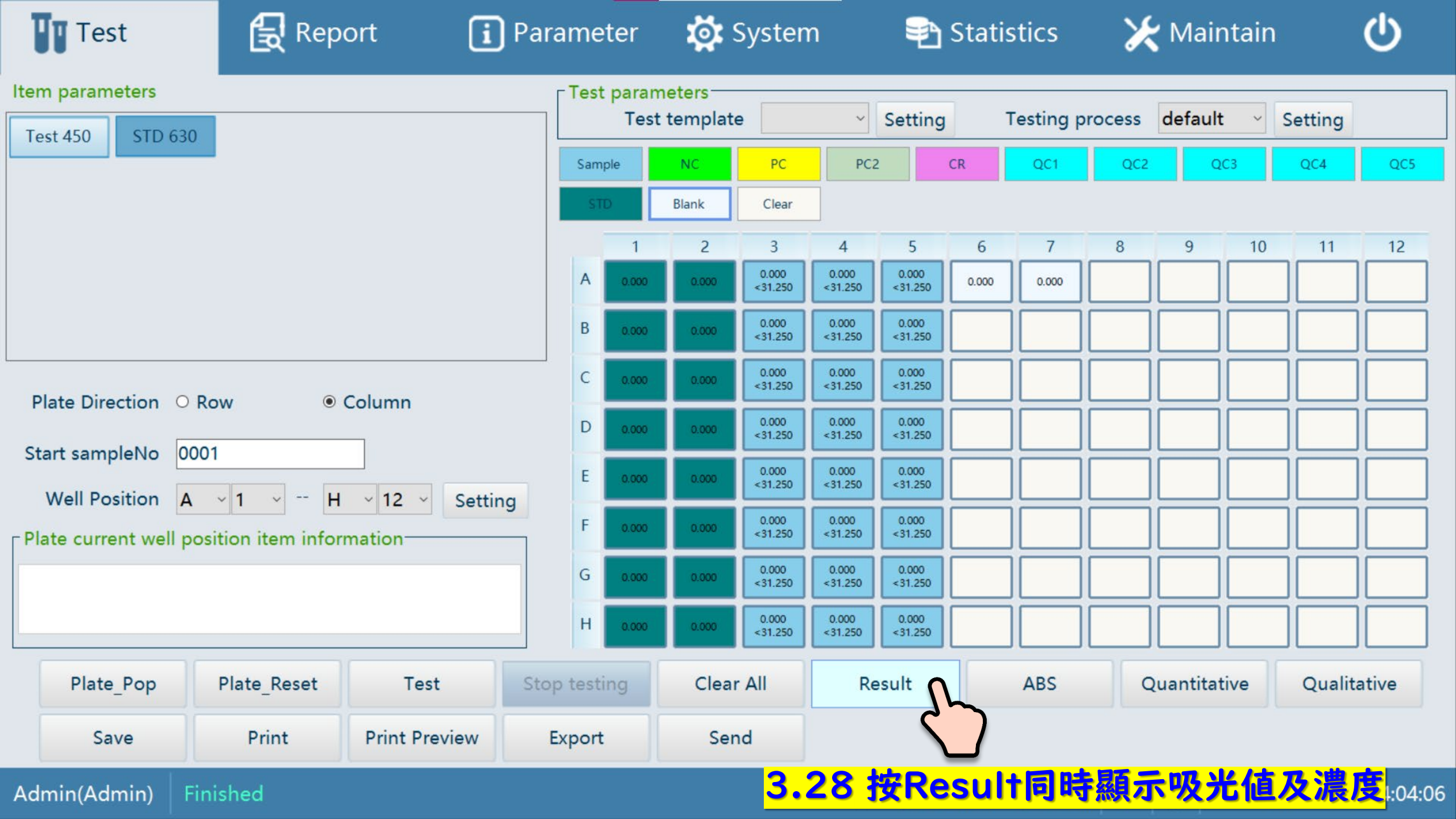

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
3.24 按Plate_Reset 兩次
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:02:21

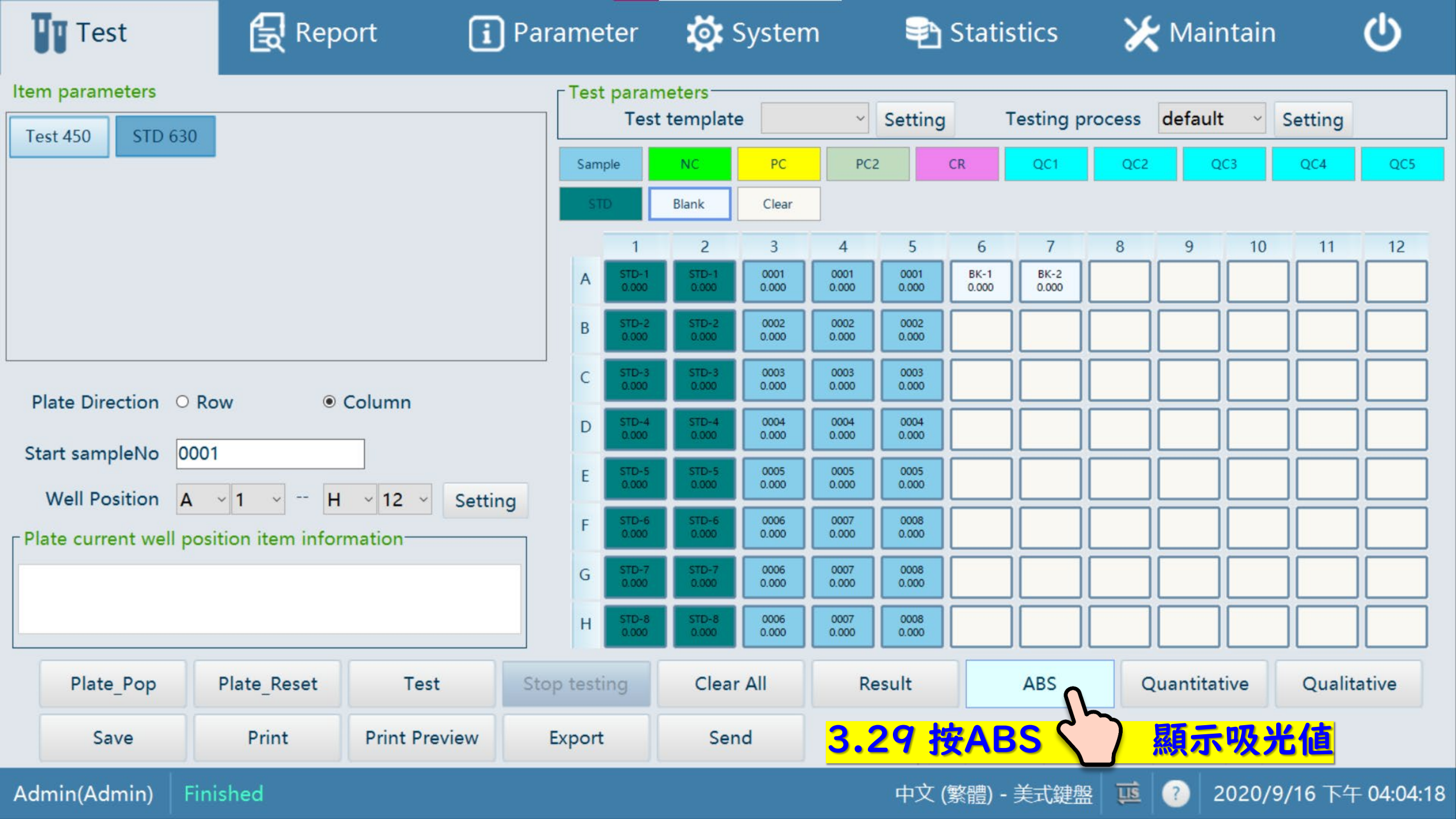

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
3.25 按Plate_Pop，托架彈出，放入盤子（注意：A1朝右邊內側）。
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:02:38

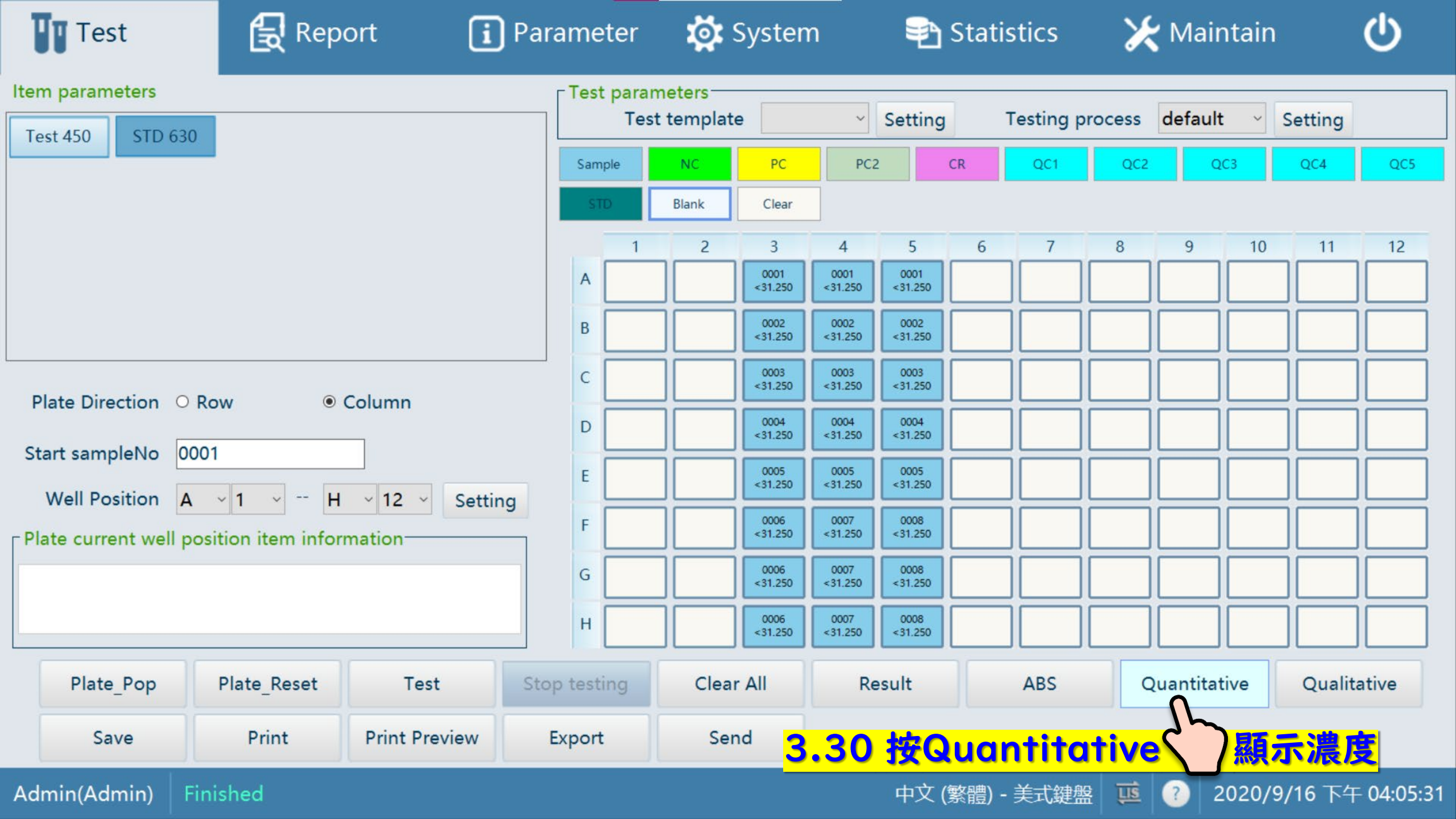

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
3.26 按Test開始測讀
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Previe
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:03:13


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A STD-1 STD-1 0001 0001 0001 BK-1 BK-2
B STD-2 STD-2 0002 0002 0002
C STD-3 STD-3 0003 0003 0003
D STD-4 STD-4 0004 0004 0004
E STD-5 STD-5 0005 0005 0005
F STD-6 STD-6 0006 0007 0008
G STD-7 STD-7 0006 0007 0008
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
（測讀過程中若要中止可按Stop testing）
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
testing...
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:03:26

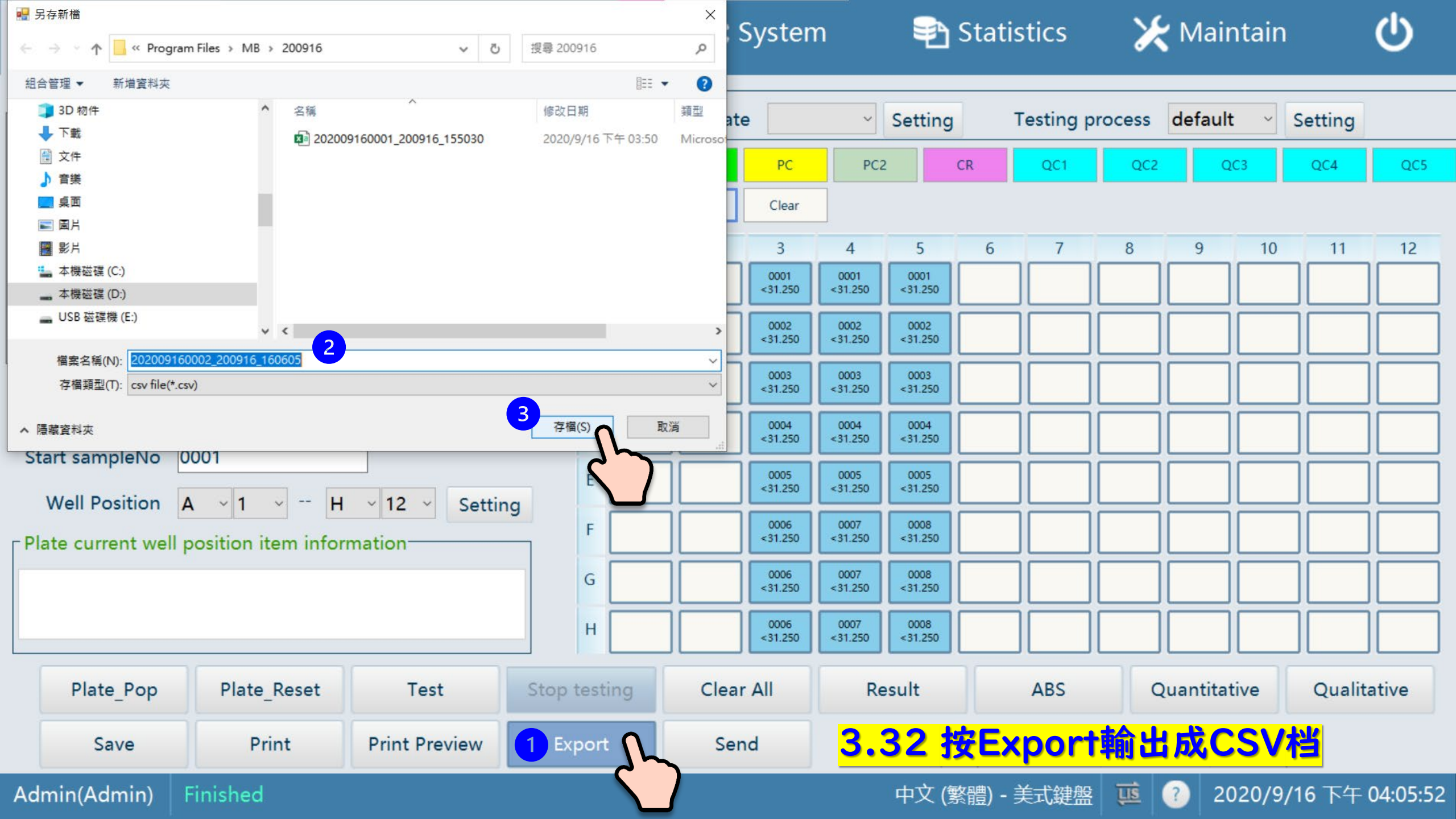

Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250 0.000 0.000
B 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
C 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
D 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
E 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
F 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
G 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
H 0.000 0.000 0.000 <31.250 0.000 <31.250 0.000 <31.250
3.27 測讀完成，顯示結果。
（同一格內上為吸光值下為濃度）
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:03:54


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
0.000
0.000 <31.250
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A 1 -- H 12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
Admin(Admin)
Finished
3.28 按Result同時顯示吸光值及濃度


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
3.29 按ABS 顯示吸光值
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:04:18


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
Export
Send
3.30 按Quantitative 顯示濃度
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:05:31


Test
Report
Parameter
System
Statistics
Maintain
Item parameters
Test 450
STD 630
3.3 I 按Save存档（一定要先Save才能輸出CSV档）
Test parameters
Test template
Setting
Testing process
default
Setting
Sample
NC
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
STD
Blank
Clear
Set Board Number
Plate 202009160002
2
3 Save
Plate Direction
Row
Column
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
1 Save
Print
Print Preview
Export
Send
Admin(Admin)
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:05:52


另存新檔
Program Files › MB › 200916
搜尋 200916
組合管理
新增資料夾
3D 物件
下載
文件
音樂
桌面
圖片
影片
本機磁碟 (C:)
本機磁碟 (D:)
USB 磁碟機 (E:)
名稱
修改日期
類型
202009160001_200916_155030
2020/9/16 下午 03:50
2
檔案名稱(N): 202009160002_200916_160605
存檔類型(T): csv file(*.csv)
隱藏資料夾
3
存檔(S)
取消
System
Statistics
Maintain
Setting
Testing process
default
Setting
PC
PC2
CR
QC1
QC2
QC3
QC4
QC5
Clear
Start sampleNo
0001
Well Position
A
1
--
H
12
Setting
Plate current well position item information
Plate_Pop
Plate_Reset
Test
Stop testing
Clear All
Result
ABS
Quantitative
Qualitative
Save
Print
Print Preview
1 Export
Send
3.32 按Export輸出成CSV档
Admin(Admin)
Finished
中文 (繁體) - 美式鍵盤
2020/9/16 下午 04:05:52

Test | Report 1 | Parameter | System | Statistics | Maintain

Sample record | Plate record | Standard query 2 | QC query

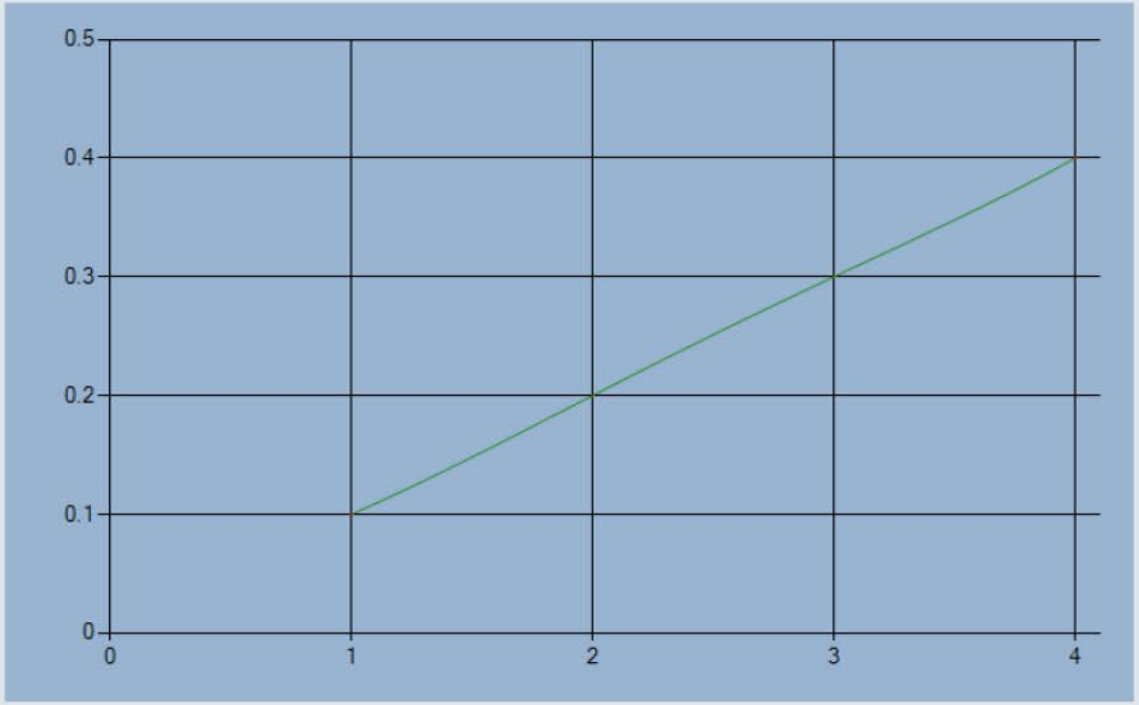
TEST1 3

3.33 切換到Report介面查看並輸出Standard Curve

Method: End point method

Calculate: Percent logarithm

ABS	Concentration
0.100	1.000
0.200	2.000
0.300	3.000
0.400	4.000



Fit the equation:lg(y) = A*(x/xMax)^3 + B*(x/xMax)^2 + C*(x/xMax) + D, correlation coefficient =1.000

4 按Print列印成PDF档

Print | Send

注意！每一個Parameter（Program/Protocol）只會存档第一次test的Standard Curve，如欲Print每一次定量test的Standard Curve，則每一次test前都必須重新建立新的Parameter（Program/Protocol）。

Admin(Admin) | 中文 (繁體) - 美式鍵盤 | 2020/9/16 下午 04:01:19

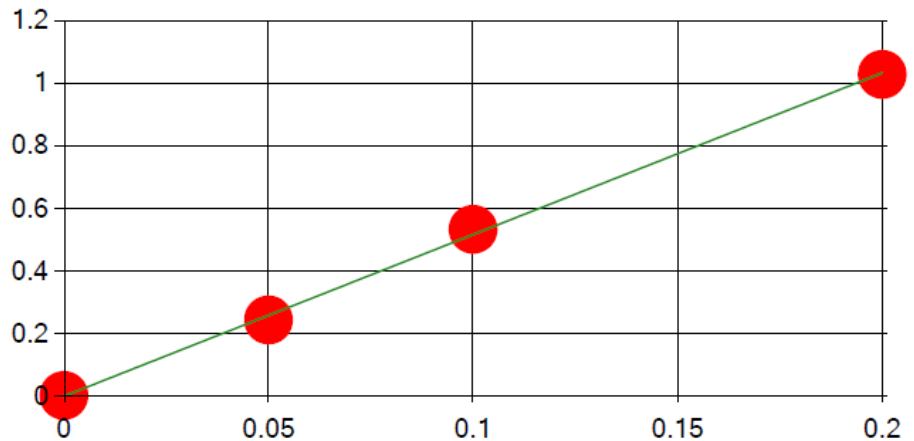
3.34 Standard Curve輸出PDF報告範例

Test 02 Standard curve line

Measure Method: End point method

Calc. Method:Linear regression

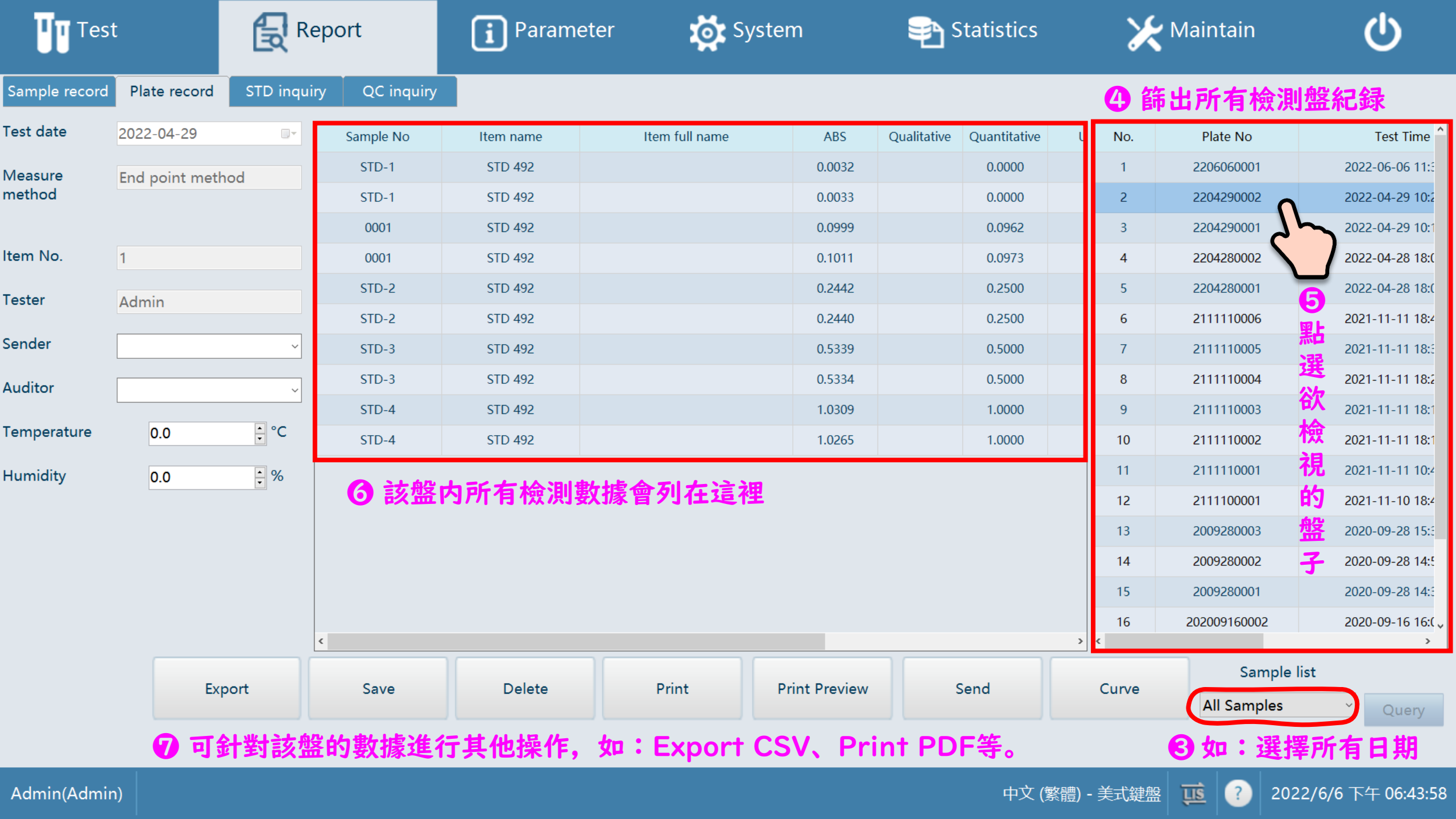
Fit equation:y = A * x + B, R=0.9991

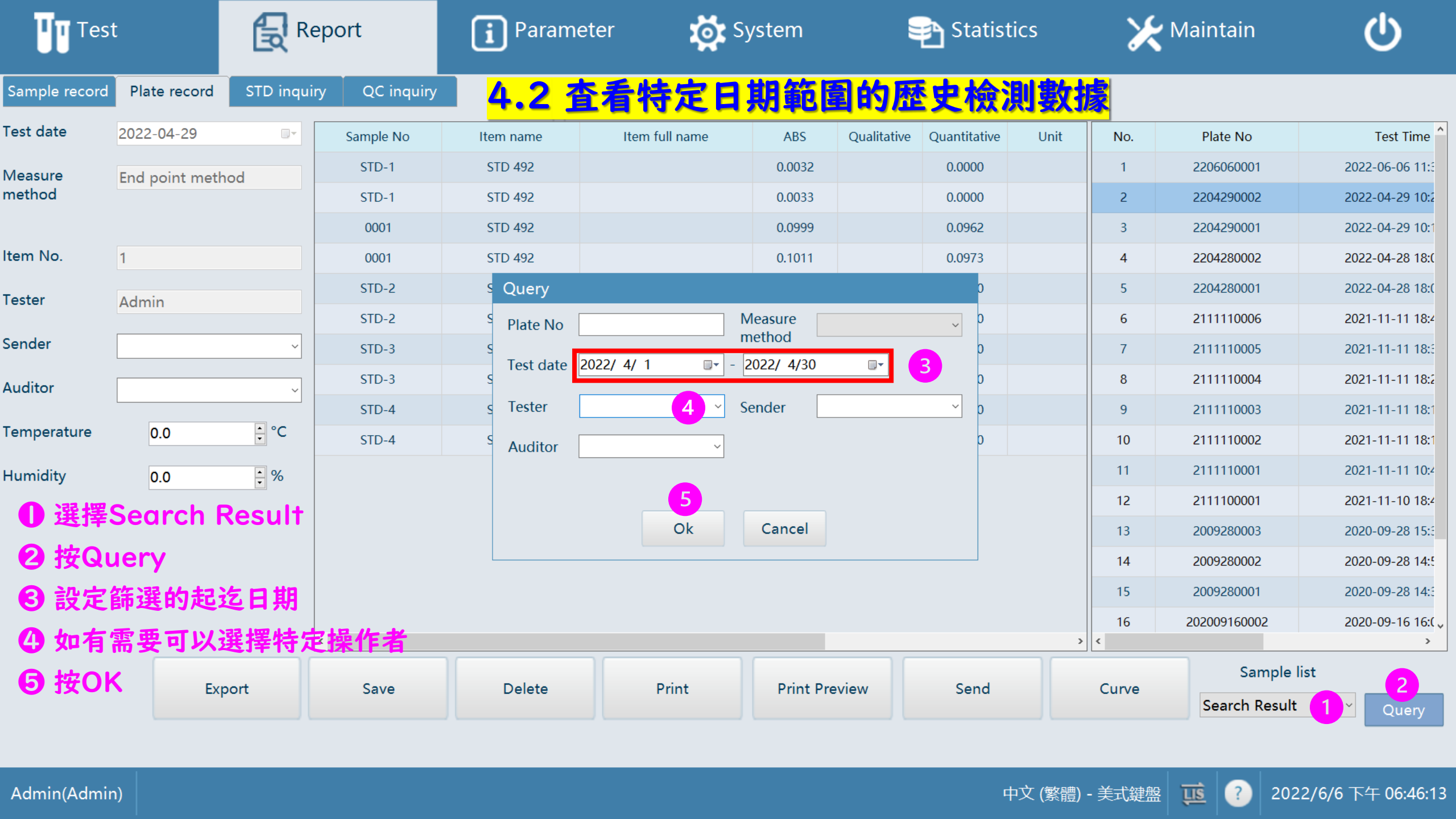


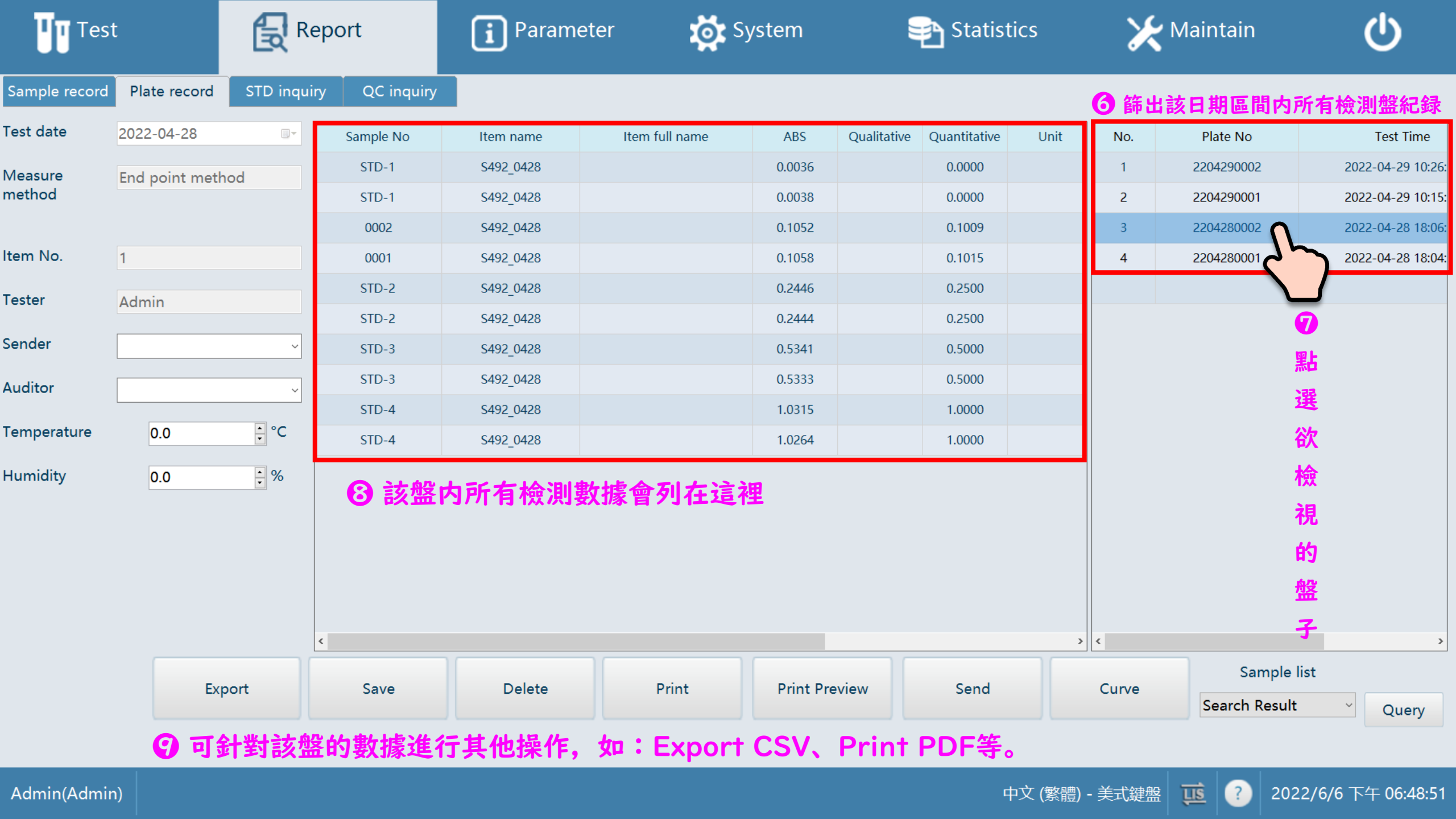
ABS	Concentration
0.0047	0.0000
0.2458	0.0500
0.5355	0.1000
1.0303	0.2000

4. 查看歷史檢測數據

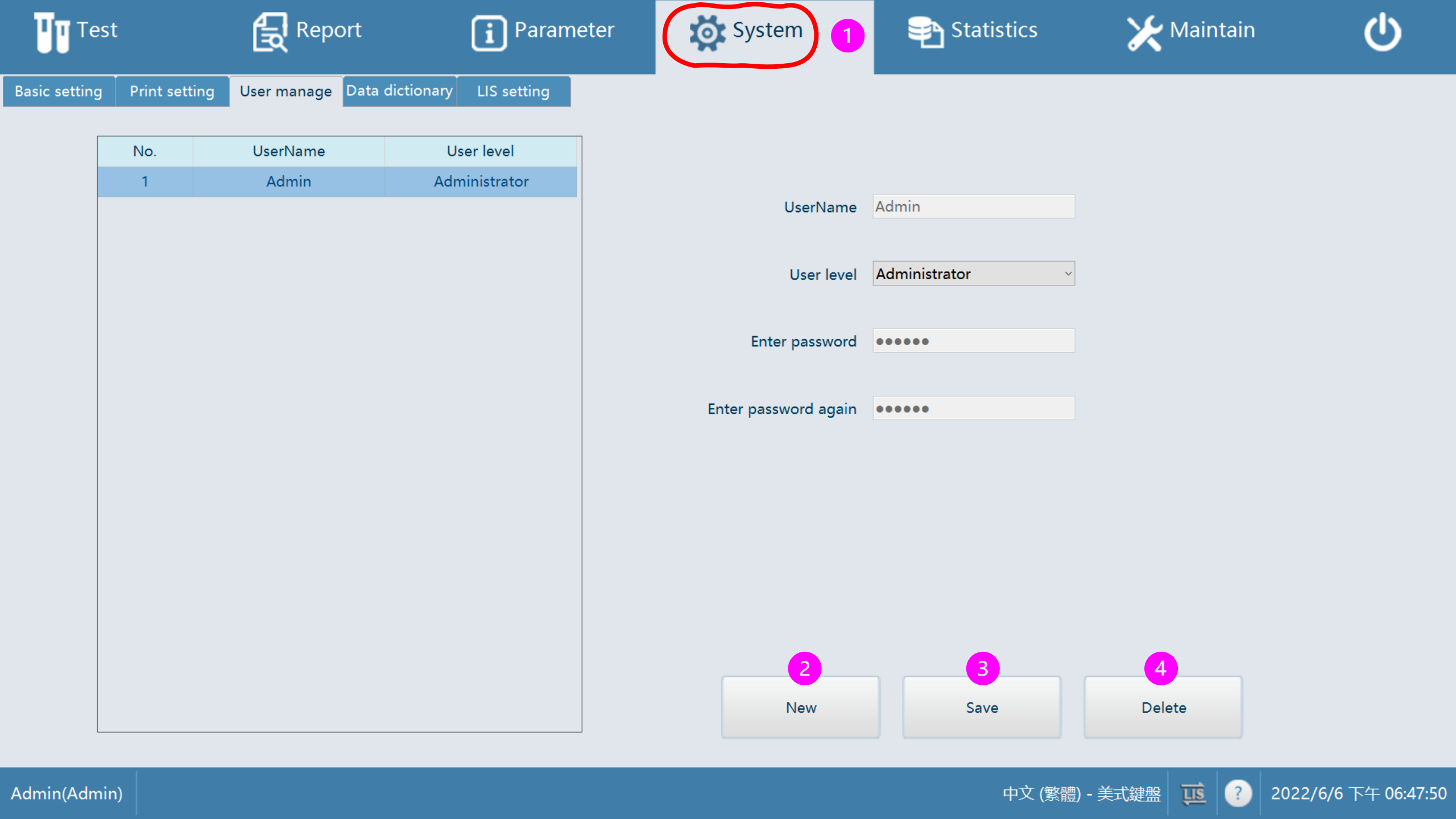

Test
Report
1
Parameter
System
Statistics
Maintain
Sample record
Plate record
STD inquiry
QC inquiry
4.1 查看歷史檢測數據一般操作
Test date
2022-06-06
2
Measure method
Item No.
Tester
Sender
Auditor
Temperature
0.0
°C
Humidity
0.0
%
Sample No
Item name
Item full name
ABS
Qualitative
Quantitative
U
No.
Plate No
Test Time
1
2206060001
2022-06-06 11:35:
❶ 切換到Report介面
❷ 切換到Plate record分頁
❸ 選擇欲篩選的檢測日期：今天（Today Sample）、所有日期（All Samples）、特定日期範圍（Search Result）
Export
Save
Delete
Print
Print Preview
Send
Curve
Sample list
3
Today Sample
Today Sample
All Samples
Search Result
Query
Admin(Admin)
中文 (繁體) - 美式鍵盤
2022/6/6 下午 06:43:03


Test
Report
Parameter
System
Statistics
Maintain
Sample record
Plate record
STD inquiry
QC inquiry
❹ 篩出所有檢測盤紀錄
Test date
2022-04-29
Measure method
End point method
Item No.
1
Tester
Admin
Sender
Auditor
Temperature
0.0
°C
Humidity
0.0
%
Sample No
Item name
Item full name
ABS
Qualitative
Quantitative
STD-1 STD 492 0.0032 0.0000
STD-1 STD 492 0.0033 0.0000
0001 STD 492 0.0999 0.0962
0001 STD 492 0.1011 0.0973
STD-2 STD 492 0.2442 0.2500
STD-2 STD 492 0.2440 0.2500
STD-3 STD 492 0.5339 0.5000
STD-3 STD 492 0.5334 0.5000
STD-4 STD 492 1.0309 1.0000
STD-4 STD 492 1.0265 1.0000
❻ 該盤內所有檢測數據會列在這裡
No.
Plate No
Test Time
1 2206060001 2022-06-06 11:
2 2204290002 2022-04-29 10:
3 2204290001 2022-04-29 10:
4 2204280002 2022-04-28 18:
5 2204280001 2022-04-28 18:
6 2111110006 2021-11-11 18:
7 2111110005 2021-11-11 18:
8 2111110004 2021-11-11 18:
9 2111110003 2021-11-11 18:
10 2111110002 2021-11-11 18:
11 2111110001 2021-11-11 10:
12 2111100001 2021-11-10 18:
13 2009280003 2020-09-28 15:
14 2009280002 2020-09-28 14:
15 2009280001 2020-09-28 14:
16 202009160002 2020-09-16 16:
❺ 點選欲檢視的盤子
Export
Save
Delete
Print
Print Preview
Send
Curve
Sample list
All Samples
Query
❼ 可針對該盤的數據進行其他操作，如：Export CSV、Print PDF等。
❸ 如：選擇所有日期
Admin(Admin)
中文 (繁體) - 美式鍵盤
2022/6/6 下午 06:43:58


Test
Report
Parameter
System
Statistics
Maintain
Sample record
Plate record
STD inquiry
QC inquiry
4.2 查看特定日期範圍的歷史檢測數據
Test date
2022-04-29
Measure method
End point method
Item No.
1
Tester
Admin
Sender
Auditor
Temperature
0.0
°C
Humidity
0.0
%
Sample No
Item name
Item full name
ABS
Qualitative
Quantitative
Unit
STD-1 STD 492 0.0032 0.0000
STD-1 STD 492 0.0033 0.0000
0001 STD 492 0.0999 0.0962
0001 STD 492 0.1011 0.0973
STD-2
STD-2
STD-3
STD-3
STD-4
STD-4
No.
Plate No
Test Time
1 2206060001 2022-06-06 11:
2 2204290002 2022-04-29 10:
3 2204290001 2022-04-29 10:
4 2204280002 2022-04-28 18:
5 2204280001 2022-04-28 18:
6 2111110006 2021-11-11 18:
7 2111110005 2021-11-11 18:
8 2111110004 2021-11-11 18:
9 2111110003 2021-11-11 18:
10 2111110002 2021-11-11 18:
11 2111110001 2021-11-11 10:
12 2111100001 2021-11-10 18:
13 2009280003 2020-09-28 15:
14 2009280002 2020-09-28 14:
15 2009280001 2020-09-28 14:
16 202009160002 2020-09-16 16:
Query
Plate No
Measure method
Test date
2022/ 4/ 1
2022/ 4/30
3
Tester
4
Sender
Auditor
5
Ok
Cancel
❶ 選擇Search Result
❷ 按Query
❸ 設定篩選的起迄日期
❹ 如有需要可以選擇特定操作者
❺ 按OK
Export
Save
Delete
Print
Print Preview
Send
Curve
Sample list
Search Result
1
2
Query
Admin(Admin)
中文 (繁體) - 美式鍵盤
LIS
2022/6/6 下午 06:46:13


Test
Report
Parameter
System
Statistics
Maintain
Sample record
Plate record
STD inquiry
QC inquiry
⑥ 篩出該日期區間內所有檢測盤紀錄
Test date
2022-04-28
Measure method
End point method
Item No.
1
Tester
Admin
Sender
Auditor
Temperature
0.0
°C
Humidity
0.0
%
Sample No | Item name | Item full name | ABS | Qualitative | Quantitative | Unit
STD-1 | S492_0428 | | 0.0036 | | 0.0000 |
STD-1 | S492_0428 | | 0.0038 | | 0.0000 |
0002 | S492_0428 | | 0.1052 | | 0.1009 |
0001 | S492_0428 | | 0.1058 | | 0.1015 |
STD-2 | S492_0428 | | 0.2446 | | 0.2500 |
STD-2 | S492_0428 | | 0.2444 | | 0.2500 |
STD-3 | S492_0428 | | 0.5341 | | 0.5000 |
STD-3 | S492_0428 | | 0.5333 | | 0.5000 |
STD-4 | S492_0428 | | 1.0315 | | 1.0000 |
STD-4 | S492_0428 | | 1.0264 | | 1.0000 |
No. | Plate No | Test Time
1 | 2204290002 | 2022-04-29 10:26:
2 | 2204290001 | 2022-04-29 10:15:
3 | 2204280002 | 2022-04-28 18:06:
4 | 2204280001 | 2022-04-28 18:04:
⑦ 點選欲檢視的盤子
⑧ 該盤內所有檢測數據會列在這裡
Export
Save
Delete
Print
Print Preview
Send
Curve
Sample list
Search Result
Query
⑨ 可針對該盤的數據進行其他操作，如：Export CSV、Print PDF等。
Admin(Admin)
中文 (繁體) - 美式鍵盤
LIS
2022/6/6 下午 06:48:51

5. 設定使用者帳號密碼


Test
Report
Parameter
System
1
Statistics
Maintain
Basic setting
Print setting
User manage
Data dictionary
LIS setting
No.
UserName
User level
1
Admin
Administrator
UserName
Admin
User level
Administrator
Enter password
Enter password again
2
New
3
Save
4
Delete
Admin(Admin)
中文 (繁體) - 美式鍵盤
LIS
2022/6/6 下午 06:47:50

6. 查看操作紀錄


Test
Report
Parameter
System
Statistics
1
Maintain
History
Workload
2
3
6.1 查看這台機器所有操作紀錄
Date
2022-06-06
--
2022-06-06
No.
All
Item
All
Result
All
Statistics
Print
Print Preview
Export
4
Date
No.
Item
Result
2022-06-06 11:35:25
0001
Test 02
2022-06-06 11:35:25
0002
Test 02
5
Statistical results
Total
2
Suspicious
0
Positive
0
Abnormal Ratio
0%
Admin(Admin)
中文 (繁體) - 美式鍵盤
2022/6/6 下午 06:51:12


Test
Report
Parameter
System
Statistics
Maintain
History
Workload
1
2
3
4
5
6.2 查看特定操作者的操作紀錄
Date
2022-01-01
--
2022-06-06
User name
Admin
Statistics
Print
Print Preview
Export
User name
Item
Samples
Admin
STD 492
3
Admin
S492_0428
2
Admin
A450
96
Admin
Test 02
2
Statistical results
Plates
5
Items
4
Samples
100
Admin(Admin)
中文 (繁體) - 美式鍵盤
2022/6/6 下午 06:52:01