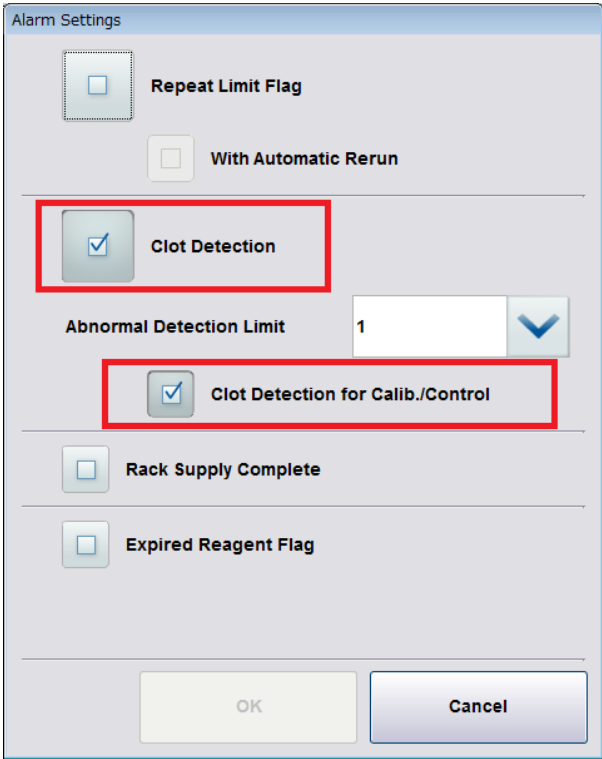


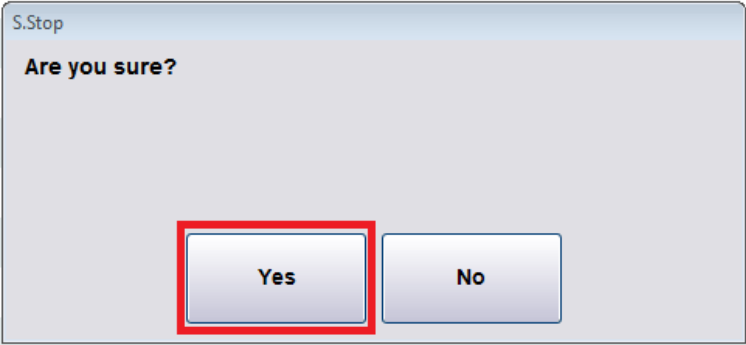
Att FSN-CPS-2017-005 How to proceed whenever the system alarm “Sample Short” or “Abnormal Aspiration” is issued on cobas® 8000

When the system alarm *Sample Short* or *Abnormal Aspiration* is issued while there is still sufficient amount of sample volume, it is necessary to replace the sample probe. A verification of the measurement results is required.

When there is no replacement sample probe available, clean the inside and outside of the sample probe. This is described in the Operator's Manual Version 5.1 and in the manual “cobas 8000 modular analyzer series Interlock Manual c 502 module –Version 2.1 Software version 06-02”. The inside cleaning maintenance actions of the cobas c502 module series can only be performed by specially trained operators. Please refer to the coinciding procedures “Eliminating clogging of the sample probe” and “Cleaning all pipetter probes and rinse nozzles”.

| | Step | Action |
|---|----------|--|
| Preparation: Clot Detection ON | 1 | <p>Enable the Clot Detection and Clot Detection for Calib./Control settings in <i>Utility-System-Alarm Settings</i>.</p>  |

| | Step | Action | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------|---|--|------------------|------------|--------------------|--------------|------------|-----|--|--------------|------------------|--|------|--|---------------------------|-----|--------|--|-----|-----|--|-----------|-----------|--|------|--|---------------------------|-----|--------|
| Check the Sample Short and Sample Clot alarm | 2 | <p>The table below shows the system alarm list of Sample Short and Sample Clot.</p> <table><tr><th>Alarm</th><th>Module</th><th>Alarm Code</th><th>Alarm Sub Category</th></tr><tr><td rowspan="4">Sample Short</td><td>ISE</td><td>010</td><td>XXXXXY XXXXX: rack No. Y: cup position</td></tr><tr><td>c701/c702</td><td>001 - 002</td><td>XXXXXY XXXXX: rack No. Y: cup position</td></tr><tr><td rowspan="2">c502</td><td>401 – 440 (The cup position is indicated by alarm code)</td><td>0XXXXX XXXXX: rack No.</td></tr><tr><td>441</td><td>000001</td></tr><tr><td rowspan="4">Abnormal Aspiration (The alarm of Sample Clot is issued as "Abnormal Aspiration")</td><td>ISE</td><td>007</td><td>XXXXXY XXXXX: rack No. Y: cup position</td></tr><tr><td>c701/c702</td><td>004 - 005</td><td>XXXXXY XXXXX: rack No. Y: cup position</td></tr><tr><td rowspan="2">c502</td><td>451 – 490 (The cup position is indicated by alarm code)</td><td>0XXXXX XXXXX: rack No.</td></tr><tr><td>491</td><td>000001</td></tr></table> | Alarm | Module | Alarm Code | Alarm Sub Category | Sample Short | ISE | 010 | XXXXXY XXXXX: rack No. Y: cup position | c701/c702 | 001 - 002 | XXXXXY XXXXX: rack No. Y: cup position | c502 | 401 – 440 (The cup position is indicated by alarm code) | 0XXXXX XXXXX: rack No. | 441 | 000001 | Abnormal Aspiration (The alarm of Sample Clot is issued as "Abnormal Aspiration") | ISE | 007 | XXXXXY XXXXX: rack No. Y: cup position | c701/c702 | 004 - 005 | XXXXXY XXXXX: rack No. Y: cup position | c502 | 451 – 490 (The cup position is indicated by alarm code) | 0XXXXX XXXXX: rack No. | 491 | 000001 |
| Alarm | Module | Alarm Code | Alarm Sub Category | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Short | ISE | 010 | XXXXXY XXXXX: rack No. Y: cup position | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | c701/c702 | 001 - 002 | XXXXXY XXXXX: rack No. Y: cup position | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | c502 | 401 – 440 (The cup position is indicated by alarm code) | 0XXXXX XXXXX: rack No. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 441 | 000001 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abnormal Aspiration (The alarm of Sample Clot is issued as "Abnormal Aspiration") | ISE | 007 | XXXXXY XXXXX: rack No. Y: cup position | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | c701/c702 | 004 - 005 | XXXXXY XXXXX: rack No. Y: cup position | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | c502 | 451 – 490 (The cup position is indicated by alarm code) | 0XXXXX XXXXX: rack No. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 491 | 000001 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampling Stop | 3 | <p>a) When the alarm is issued, select the <i>S. Stop</i> button.</p> <div><div><div>Rack Collect End</div><div>*OPEN*</div><div>2017/01/23 18:28</div><div><div>Workplace</div><div>Reagent</div><div>Calibration</div><div>QC</div><div>Utility</div><div>Overview</div></div><div><div>Alarm</div><div><div>Alarm List</div><table><thead><tr><th>Code</th><th>Module</th><th>Level</th><th>Alarm</th><th>Date/Time</th></tr></thead><tbody><tr><td>001-501891</td><td>AU1</td><td>Caution</td><td>Sample Short</td><td>2017/01/23 18:20</td></tr></tbody></table></div><div><div>Alarm : Sample Short</div><div>Code : 001-501891 Rack No.: 50189, Position: 1</div><div>Module : AU1</div><div>Level : Caution</div><div>The sample volume is insufficient for the sample probe A aspiration. The subcategory code indicates the rack ID and the cup position. E.g. Subcategory code No. (XXXXXY) XXXXX: rack ID Y: cup position</div><div>Remedy</div><div>a. Check that the sample volume is sufficient: If it is not, add the sample, and then rerun the test. b. If the tip of sample probe is dirty, wipe off the outer wall of sample probe with a clean cloth moistened with alcohol. c. Contact our service representative, if alarm recurs.</div></div><div><div>Maintenance</div><div>Delete</div><div>New Alarm</div><div>Sound</div><div>Close</div></div><div>Select alarms from the list.</div></div><div><div>Stop</div><div>S.Stop</div><div>Alarm</div><div>Monitor</div><div>Print</div><div>Start</div></div></div></div> | Code | Module | Level | Alarm | Date/Time | 001-501891 | AU1 | Caution | Sample Short | 2017/01/23 18:20 | | | | | | | | | | | | | | | | | | |
| Code | Module | Level | Alarm | Date/Time | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 001-501891 | AU1 | Caution | Sample Short | 2017/01/23 18:20 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | Step | Action |
|--------------------------------------|-----------|--|
| | 3b | <p>b) When the [S. Stop] window appears, choose <i>[Yes]</i>.</p>  |
| Wait until racks are unloaded | 4 | Wait until all of racks are collected in the unloading area. (Waiting time may vary depending on the condition of the ordered analysis) |

Identify sample for which alarm was issued

5

Identify the sample for which the system alarm was issued according to the code of the system alarm (refer to the following figure).

Alarm List

| Code | Module | Level | Alarm | Date/Time |
|------------|--------|---------|--------------|------------------|
| 001-501891 | AU1 | Caution | Sample Short | 2017/01/23 18:20 |

Alarm : Sample Short
Code : 001-501891 **Rack No.:** 50189, **Position:** 1
Module : AU1 **Level :** Caution
Description
 The sample volume is insufficient for the sample probe A aspiration. The subcategory code indicates the rack ID and the cup position. E.g. Subcategory code No. (XXXXXX) XXXXX: rack ID X: cup position
Remedy
 a. Check that the sample volume is sufficient; if it is not, add the sample, and then rerun the test.
 b. If the tip of sample probe is dirty, wipe off the outer wall of sample probe with a clean cloth moistened with alcohol.
 c. Contact our service representative, if alarm recurs.

Rack Collect End "OPEN"

Workplace Reagent Calibration QC

Test Selection Data Review Calib. Review

Data: Routine View Filter: ON OFF Filter Search Sample Count: 130

| DM | C | St | S | ID | Rack No. | S. Type | Name | Date/Time | C | Dil. | Test | Result | Unit | Alarm | A. U. | Rg. St. | Std |
|----|---|----|---|--------------|----------|---------|------|----------------|---|------|-------|--------|-------------|-------|-------|---------|-----|
| H | # | | | 104669369270 | 50642-3 | SerIPi | | 01/12 10:38:48 | | | ASTLP | g/L | Samp.5 | | | | |
| H | # | | | 700391742869 | 50642-4 | SerIPi | | 01/12 10:38:48 | | | TS702 | g/L | Samp.5 A1-A | | | | |
| H | # | | | 700665254280 | 50642-5 | SerIPi | | 01/12 10:38:55 | | | | g/L | | | | | |
| H | # | | | 106392417870 | 50158-1 | SerIPi | | 01/12 10:38:55 | | | | | | | | | |
| H | # | | | 106677036780 | 50158-2 | SerIPi | | 01/12 10:38:55 | | | | | | | | | |
| H | # | | | 106359047670 | 50158-3 | SerIPi | | 01/12 10:38:56 | | | | | | | | | |
| H | # | | | 700665218580 | 50158-4 | SerIPi | | 01/12 10:38:57 | | | | | | | | | |
| H | # | | | 700665286780 | 50158-5 | SerIPi | | 01/12 10:39:04 | | | | | | | | | |
| H | # | | | 700070825869 | 50697-1 | SerIPi | | 01/12 10:39:05 | | | | | | | | | |
| H | # | | | 700665289269 | 50697-2 | SerIPi | | 01/12 10:39:05 | | | | | | | | | |
| H | # | | | 700665088569 | 50697-3 | SerIPi | | 01/12 10:39:05 | | | | | | | | | |
| H | # | | | 810048261870 | 50697-4 | SerIPi | | 01/12 10:39:06 | | | | | | | | | |
| H | # | | | 106877046669 | 50697-5 | SerIPi | | 01/17 21:06:31 | | | | | | | | | |
| H | # | | | 106090267066 | 50189-1 | SerIPi | | 01/23 18:19:33 | | | | | | | | | |
| H | # | | | 106817023069 | 50189-2 | SerIPi | | 01/23 18:19:34 | | | | | | | | | |
| H | # | | | 708270100269 | 50189-3 | SerIPi | | 01/23 18:19:34 | | | | | | | | | |
| H | # | | | 700665288069 | 50189-4 | SerIPi | | 01/23 18:19:35 | | | | | | | | | |
| H | # | | | 106939161769 | 50189-5 | SerIPi | | 01/23 18:19:35 | | | | | | | | | |

Select samples from the list

Buttons: Sample Information, Unload Rack, Change Priority, Send to DM, Delete Record, Delete All, Backup Data, Test Review, Reaction Monitor, Start

Callout Box: 001-501891: Sample Short -> Routine Rack No.: 50189 Position: 1

Example of a sample with Sample Short alarm on a routine rack.

| Check sample volume | 6 | <p>Check</p> <p>a) the sample volume in the sample container, and</p> <p>b) whether there is any substance adhered to the sample probe.</p> <p>No action is required when the sample volume is insufficient, and the sample probe is clean.</p> <p>When there is sufficient sample volume, replace the sample probe and move on to step 7.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------|---|--------|-------|------------|------|-------|----------|-------|----|-----|--------------|-------|-------|--------------|-------|------|-------|----|-----|--|--|--|--|---------------|------|------|--------|-------|-------|------|-------|------|-------|----|-----|--------|-------|-------|------|-------|------|-------|----|-----|-----|-------|-----|--------|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|---|-----|-------|-----|--------|--|--|--|------|----------|--|---|---|--|--|--|--|--|--|--|--|---|
| Module and sampling time in Test Review | 7 | <p>Check the module and the sampling time for which the alarm was issued in the <i>Test Review</i> screen (<i>Workplace-Data Review-patient sample (in sample list)-Test Review</i>).</p> <div><div><div><div><div>Rack Collect End</div><div>*OPEN*</div><div>2017/01/23 18:29</div><div><div>?</div>Help</div></div><div><div>Workplace</div><div>Reagent</div><div>Calibration</div><div>QC</div><div>Utility</div><div>Overview</div></div><div><div>Test Selection</div><div>Data Review</div><div>Calib. Review</div></div><div><div>Test Review</div><div>Sample : Routine S. Type : Ser/PI Status : Complete</div><div>Sample ID : 105090267066 Carryover Evasion :</div><div>Rack No. - Pos. : 50189-1</div><div><input type="checkbox"/> Pre-dilution</div><table><thead><tr><th colspan="2"></th><th colspan="10">1st Result</th><th colspan="10">Rerun Result</th></tr><tr><th>Select Result</th><th>Test</th><th>Unit</th><th>Result</th><th>Alarm</th><th>R. M.</th><th>Dil.</th><th>A. U.</th><th>Time</th><th>C. E.</th><th>DM</th><th>St.</th><th>Result</th><th>Alarm</th><th>R. M.</th><th>Dil.</th><th>A. U.</th><th>Time</th><th>C. E.</th><th>DM</th><th>St.</th></tr></thead><tbody><tr><td>1st</td><td>ASTLP</td><td>g/L</td><td>Samp.S</td><td></td><td></td><td></td><td></td><td></td><td></td><td>H</td><td>I</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>O</td></tr><tr><td>1st</td><td>TST02</td><td>g/L</td><td>Samp.S</td><td></td><td></td><td></td><td>A1-A</td><td>18:20:35</td><td></td><td>H</td><td>I</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>O</td></tr></tbody></table><div><div>Sample Information</div><div>Reagent Detail</div><div>Original Data</div><div>All Results</div><div>Reaction Monitor</div></div><div><div>Delete Test</div><div>Update</div><div>Cancel</div><div>Previous</div><div>Next</div><div>Close</div></div></div><div><div>Stop</div><div>S. Stop</div><div>Alarm</div><div>Monitor</div><div>Print</div><div>Start</div></div></div></div><div>Select a test from the list.</div></div> | | | 1st Result | | | | | | | | | | Rerun Result | | | | | | | | | | Select Result | Test | Unit | Result | Alarm | R. M. | Dil. | A. U. | Time | C. E. | DM | St. | Result | Alarm | R. M. | Dil. | A. U. | Time | C. E. | DM | St. | 1st | ASTLP | g/L | Samp.S | | | | | | | H | I | | | | | | | | | O | 1st | TST02 | g/L | Samp.S | | | | A1-A | 18:20:35 | | H | I | | | | | | | | | O |
| | | 1st Result | | | | | | | | | | Rerun Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Select Result | Test | Unit | Result | Alarm | R. M. | Dil. | A. U. | Time | C. E. | DM | St. | Result | Alarm | R. M. | Dil. | A. U. | Time | C. E. | DM | St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st | ASTLP | g/L | Samp.S | | | | | | | H | I | | | | | | | | | O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st | TST02 | g/L | Samp.S | | | | A1-A | 18:20:35 | | H | I | | | | | | | | | O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Set filter for the specific module

8

Set an "Analyzed Unit" filter for samples for which sampling was performed on the specific module from step 7 (in *Workplace-Data Review-Filter*).

Rack Collect End *OPEN* 2017/01/23 18:29

Workplace Reagent Calibration QC Utility Overview

Test Selection Data Review Calib. Review

Data: Routine View Filter: ON OFF Filter Search Sample Count: 130

| DM | C. E. | St. | S. ID | Rack No. - Pos. | S. Type | Name | Date/Time |
|-----|-------|-----|--------------|-----------------|---------|------|----------------|
| H # | | | 104669369270 | 50642-3 | SeriPI | | 01/12 10:38:48 |
| H # | | | 700391742869 | 50642-4 | SeriPI | | 01/12 10:38:48 |
| H # | | | 700565254280 | 50642-5 | SeriPI | | 01/12 10:38:55 |
| H # | | | 105392417870 | 50158-1 | SeriPI | | 01/12 10:38:55 |
| H # | | | 105677036780 | 50158-2 | SeriPI | | 01/12 10:38:56 |
| H # | | | 10539347670 | 50158-3 | SeriPI | | 01/12 10:38:56 |
| H # | | | 700565218580 | 50158-4 | SeriPI | | 01/12 10:38:57 |
| H # | | | 700565286780 | 50158-5 | SeriPI | | 01/12 10:39:04 |
| H # | | | 700070825869 | 50697-1 | SeriPI | | 01/12 10:39:05 |
| H # | | | 700565288269 | 50697-2 | SeriPI | | 01/12 10:39:05 |
| H # | | | 700565088569 | 50697-3 | SeriPI | | 01/12 10:39:05 |
| H # | | | 810348361570 | 50697-4 | SeriPI | | 01/12 10:39:06 |
| H # | | | 105877046669 | 50697-5 | SeriPI | | 01/17 21:05:31 |
| H # | | | 105090267066 | 50189-1 | SeriPI | | 01/23 18:19:33 |
| H # | | | 105817023069 | 50189-2 | SeriPI | | 01/23 18:19:34 |
| H # | | | 708270100269 | 50189-3 | SeriPI | | 01/23 18:19:34 |
| H # | | | 700565288069 | 50189-4 | SeriPI | | 01/23 18:19:35 |
| H # | | | 105939161769 | 50189-5 | SeriPI | | 01/23 18:19:35 |

Sample Information Unload Rack Change Priority Send to DM Delete Record Delete All Backup Data Test Review Reaction Monitor

Select samples from the list.

Filter

Sample:

☐ Routine ☐ Stat ☐ Control

S. Type:

☐ SeriPI ☐ WhiBld ☐ Urine ☐ OraFlu ☐ CSF ☐ Hemoly ☐ Suprnt ☐ AmniF ☐ Others ☐ Stool

Sample Status:

☐ Ordered ☐ Processing ☐ Complete ☐ Incomplete

DM Status:

☐ DM Sent

☒ Analyzed Unit A1-A

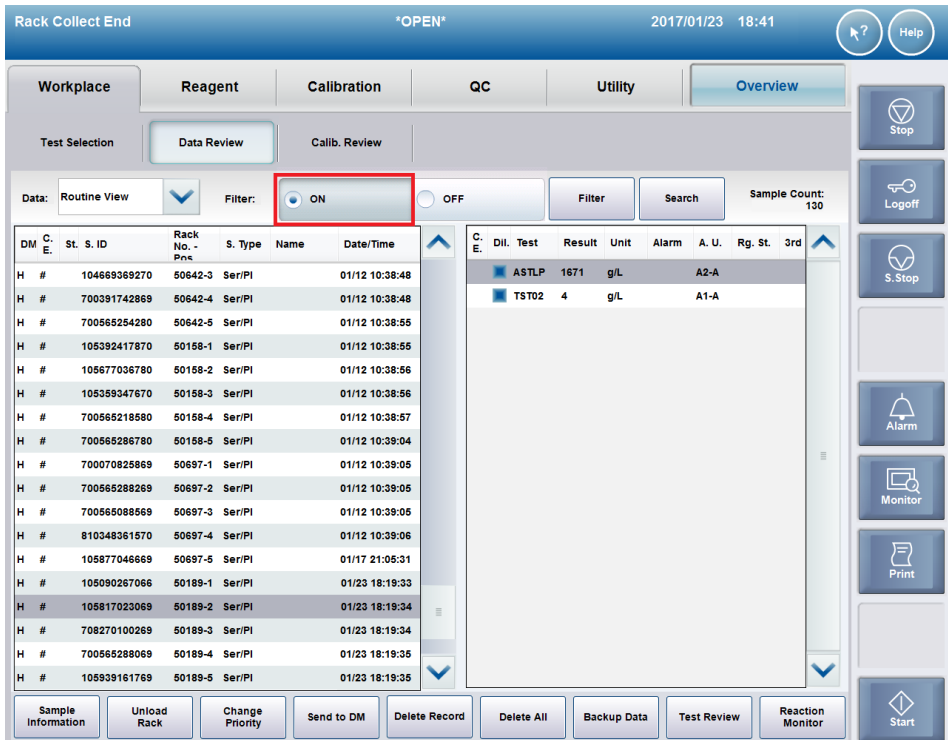
☐ Analyzed Test

☐ Results with Rerun Only

Arrived Date: / / - / /

Arrived Time: : - :

OK Cancel

| | | |
|---|------------------|--|
| <p>Filter for the specific module</p> | <p>9</p> | <p>Select the <i>[ON]</i> radio button for Filter on Data Review screen.</p>  <p>The screenshot shows the 'Data Review' screen with the 'Filter' radio button selected. The screen displays a list of samples with columns for DM, C.E., St. S. ID, Rack No., S. Type, Name, and Date/Time. The 'Filter' button is highlighted with a red box.</p> |
| <p>Verify the results or discard the samples</p> | <p>10</p> | <p>Check the test results which were measured after the sampling time in step 7 on the <i>Data Review</i> screen in step 9.</p> <p>All affected samples have to be verified/ discarded according to the local rules.</p> <p>An example of tests to be verified is described on the next page.</p> |

Example

11

On the *Data Review* screen, select all samples that were sampled on the analyzer unit after the sample with the sample short alarm, including the sample concerned.

Then display the *Test Review* window.

Rack Collect End *OPEN* 2017/01/23 18:41

Workplace Reagent Calibration QC Utility Overview

Test Selection Data Review Calib. Review

Data: Routine View Filter: ON OFF Filter Search Sample Count: 130

| DN | C | St. | S. ID | Rack No. - Pos. | S. Type | Name | Date/Time |
|----|---|-----|--------------|-----------------|---------|------|----------------|
| H | # | | 104669389270 | 50642-3 | Ser/PI | | 01/12 10:38:48 |
| H | # | | 700391742869 | 50642-4 | Ser/PI | | 01/12 10:38:48 |
| H | # | | 700565254280 | 50642-5 | Ser/PI | | 01/12 10:38:55 |
| H | # | | 105392417870 | 50158-1 | Ser/PI | | 01/12 10:38:55 |
| H | # | | 105677036780 | 50158-2 | Ser/PI | | 01/12 10:38:56 |
| H | # | | 105369347670 | 50158-3 | Ser/PI | | 01/12 10:38:56 |
| H | # | | 700565218890 | 50158-4 | Ser/PI | | 01/12 10:38:57 |
| H | # | | 700565286780 | 50158-5 | Ser/PI | | 01/12 10:39:04 |
| H | # | | 700070825889 | 50697-1 | Ser/PI | | 01/12 10:39:05 |
| H | # | | 700565288269 | 50697-2 | Ser/PI | | 01/12 10:39:05 |
| H | # | | 700668088669 | 50697-3 | Ser/PI | | 01/12 10:39:05 |
| H | # | | 810348301570 | 50697-4 | Ser/PI | | 01/12 10:39:06 |
| H | # | | 105877046669 | 50697-5 | Ser/PI | | 01/17 21:05:31 |
| H | # | | 105090287068 | 50189-1 | Ser/PI | | 01/23 18:19:33 |
| H | # | | 105817023069 | 50189-2 | Ser/PI | | 01/23 18:19:34 |
| H | # | | 708270100269 | 50189-3 | Ser/PI | | 01/23 18:19:34 |
| H | # | | 700565288059 | 50189-4 | Ser/PI | | 01/23 18:19:35 |
| H | # | | 105939161769 | 50189-5 | Ser/PI | | 01/23 18:19:35 |

Sample Information Unload Rack Change Priority Send to DM Delete Record Delete All Backup Data Test Review Reaction Monitor

Select samples from the list.

001-501891: Sample Short
Routine Rack No.: 50189 Position 1
Pipetting time in Test Review T=18:20:35

Confirm the module and the time on which the sampling was performed.

Rack Collect End *OPEN* 2017/01/23 18:42

Workplace Reagent Calibration QC Utility Overview

Test Selection Data Review Calib. Review

Test Review

Sample : Routine Sample ID : 105817023069 Rack No. - Pos. : 50189-2

S. Type : Ser/PI Sample ID : 105817023069

Status : Complete Carryover Evasion :

1st Result

| Select | Test | Unit | Result | Alarm | R. M. | Dil. | A. U. | Time | C. E. | DM | St. |
|--------|-------|------|--------|-------|-------|------|-------|----------|-------|----|-----|
| 1st | ASTLP | g/L | 1671 | | | | | 18:22:20 | | | H |
| 1st | TST02 | g/L | 4 | | | | | 18:20:39 | | | H |

Rerun Result

Sample Information Reagent Detail Original Data All Results Reaction Monitor

Delete Test Update Cancel Previous Next Close

Select a test from the list.

The example *Test Review* window of samples on *Data Review* screen is described in the table below.

Att FSN-CPS-2017-005 How to proceed whenever the system alarm "Sample Short" or "Abnormal Aspiration" is issued on cobas® 8000

| Rack | Test | Alarm | A.U. | Time | St. | Judgment of measurement result |
|---------|-------|---------------|-------------|-----------------------|-----|--|
| 50189-1 | TST02 | Samp.S | A1-A | 01/23 18:20:35 | | Target for verification (Sample for which the sample short alarm was issued) Time T=18:20:35、 Module A1-A |
| | ASTLP | | | | M | |
| 50189-2 | TST02 | | A1-A | 01/23 18:20:39 | | Target for verification (pipetted on module A1-A after 18:20:35) |
| | ASTLP | | A2-A | 01/23 18:22:20 | | Target for verification (sample pipetted on module A1-A after time 18:20:35) |
| 50189-3 | TST02 | | A1-A | 01/23 18:20:42 | | Target for verification (pipetted on module A1-A after time 18:20:35) |
| | ASTLP | | A2-A | 01/23 18:22:26 | | Target for verification (sample pipetted on module A1-A after time 18:20:35) |
| 50189-4 | TST02 | | A1-A | 01/23 18:20:46 | | Target for verification (pipetted on module A1-A after time 18:20:35) |
| | ASTLP | | A2-A | 01/23 18:22:32 | | Target for verification (sample pipetted on module A1-A after time 18:20:35) |
| 50189-5 | TST02 | | A1-A | 01/23 18:20:49 | | Target for verification (pipetted on module A1-A after time 18:20:35) |
| | ASTLP | | A2-A | 01/23 18:22:38 | | Target for verification (sample pipetted on module A1-A after time 18:20:35) |