



Validation Procedure for aCOLyte SuperCount

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Validation Procedure

Requirements

aCOLyte system (aCOLyte connected to a suitable PC)
aCOLyte software installed on the PC
Whole Frame Spiral Plate Validation Plate
aCOLyte Installation and Getting Started User Guide
Familiarity with aCOLyte software

Pour Plate Validation

1. Remove all dust from the Whole Frame Validation Plate, then mount it in the aCOLyte in place of the plate holder.
2. Run the aCOLyte software.
3. Turn on the Top lighting and observe the image of the Validation Plate on the system monitor.
4. Create a "Batch" by clicking on the "New Batch" icon. Select Pour Plate as the Plate Type and leave the other default settings unchanged.
5. Ensure that the 'colonies' are wholly within the frame boundary by resizing the frame as appropriate.
6. Move the "Sensitivity Slider" to the lowest position.
7. Click the SuperCount icon.
8. If the count is 180 the system is working correctly.

Whole Frame Spiral Plate Validation

1. Remove all dust from the Whole Frame Plate Validation Plate, then mount it in the aCOLyte in place of the plate holder.
2. Turn on the Top lighting and observe the image of the Validation Plate on the system monitor.
3. Create a "Batch" by clicking on the "New Batch" icon. Select Spiral Plate as the Plate Type and leave the other default settings unchanged.
4. Ensure that the 'colonies' are wholly within the frame boundary and that they do not touch any of the grid lines by moving the frame as appropriate.
5. Click on the SuperCount icon.
6. If the count is 40 the system is working correctly.