

User: AM/c304117 4/4/2025 10:08:09 AM -04:00

Method: v001 Scouting Method LB2273 Protein A

Text instructions**Main method:**

0.00 Base: CV, Vc=27.037 {l}, LB2273_ProA_17cm_H_x_45cm_D

0.00 Phase: Method Settings

0.00 Base: SameAsMain

0.00 Phase: User Defined

0.00 Base: SameAsMain

0.00 Set mark: (Result_Name)#Result_Name

0.00 Block: Start_Conditions

0.00 Base: SameAsMain

0.00 Air_Alarm: Disabled, Disabled

0.00 Flow warning: Disabled

Comment: Reduce flow deviation if method will require flowrate less than 10 L/hr

0.00 FlowDeviation_FIT_PA: 20.0 {l/hour}, -20.0 {l/hour}, 300.0 {sec}, Enabled

0.00 FlowDeviation_FIT_PB: 20.0 {l/hour}, -20.0 {l/hour}, 300.0 {sec}, Enabled

0.00 PIT_PA: 5.00 {bar}, 0.00 {bar}, 3.50 {bar}, 0.00 {bar}, 0.00 {bar}, Enabled

0.00 PIT_PB: 3.00 {bar}, 0.00 {bar}, 2.80 {bar}, 0.00 {bar}, 0.00 {bar}, Enabled

0.00 Wavelength: 280 {nm}, 0 {nm}, 0 {nm}

0.00 End_Block

Comment: THROUGHOUT: Update inlet purges to 7L, 10L, 15L for 3/8", 1/2", 3/4" respectively

Comment: THROUGHOUT: ManFlow 60% for 3/4" skid, ManFlow 100% for 3/8" and 1/2" skid

Comment: THROUGHOUT: Ensure totalizer reset matches pump in block

0.00 Block: (Startup_Blocks)#Startup_Blocks

0.00 Base: SameAsMain

0.00 Block: Prepare_Purge_Col_Bypass

0.00 Base: Time, ColumnSameAsMain

0.00 Message: Prepare to purge Inlet 5 and air from bypass line and installed hoses. Ensure column is bypassed., Screen, No sound

0.00 Pause: Infinite {min}

0.01 End_Block

0.00 Block: Purge_Inlet_5_Col_Bypass

0.00 Base: Volume, ColumnSameAsMain

0.00 Air_Alarm: Disabled, Disabled

0.00 Inlet: Closed, Inlet5

0.00 BubbleTrap: Bypass

0.00 Filter: Bypass

0.00 Column: UpFlow

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```
0.00 Outlet: Waste
0.00 ManFlow: 60.0 {%}
0.00 Set mark: Purge Inlet 5 and Column Bypass Line: QD00249
Comment: Breakpoint settings: 10L up and down for 3/8" and 1/2," 15L
up and down for 3/4."
15.00 Column: DownFlow
30.00 End_Block
0.00 Block: Place_Column_Inline
0.00 Base: Time, ColumnSameAsMain
0.00 Message: Close valves to column bypass loop and open column
valves (column inline)., Screen, No sound
0.00 Pause: Infinite {min}
0.01 End_Block
0.00 Block: Purge_Inlet_Sample
0.00 Base: Volume, ColumnSameAsMain
0.00 Air_Alarm: Disabled, Disabled
0.00 Inlet: Sample, Closed
0.00 BubbleTrap: Bypass
0.00 Filter: Bypass
0.00 Column: Bypass_Both
0.00 Outlet: Waste
0.00 ManFlow: 60.0 {%}
0.00 Set mark: Purge Inlet Sample: QD00015
15.00 End_Block
0.00 Block: Connect_Equil_to_Inlet_1
0.00 Base: Time, ColumnSameAsMain
0.00 Message: Connect the QD00015 to Inlet 1 and open clamps.,
Screen, No sound
0.00 Pause: Infinite {min}
0.01 End_Block
0.00 Block: Purge_Inlet_4
0.00 Base: Volume, ColumnSameAsMain
0.00 Air_Alarm: Disabled, Disabled
0.00 Inlet: Closed, Inlet4
0.00 BubbleTrap: Bypass
0.00 Filter: Bypass
0.00 Column: Bypass_Both
0.00 Outlet: Waste
0.00 ManFlow: 60.0 {%}
0.00 Set mark: Purge Inlet 4: QD00203
15.00 End_Block
0.00 Block: Purge_Inlet_7
0.00 Base: Volume, ColumnSameAsMain
0.00 Air_Alarm: Disabled, Disabled
```

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```
0.00 Inlet: Closed, Inlet7
0.00 BubbleTrap: Bypass
0.00 Filter: Bypass
0.00 Column: Bypass_Both
0.00 Outlet: Waste
0.00 ManFlow: 60.0 {%}
0.00 Set mark: Purge Inlet 7: QD00121
15.00 End_Block
0.00 Block: Purge_Inlet_2
0.00 Base: Volume, ColumnSameAsMain
0.00 Air_Alarm: Disabled, Disabled
0.00 Inlet: Inlet2, Closed
0.00 BubbleTrap: Bypass
0.00 Filter: Bypass
0.00 Column: Bypass_Both
0.00 Outlet: Waste
0.00 ManFlow: 60.0 {%}
0.00 Set mark: Purge Inlet 2: QD00429
15.00 End_Block
0.00 Block: Purge_Inlet_3
0.00 Base: Volume, ColumnSameAsMain
0.00 Air_Alarm: Disabled, Disabled
0.00 Inlet: Inlet3, Closed
0.00 BubbleTrap: Bypass
0.00 Filter: Bypass
0.00 Column: Bypass_Both
0.00 Outlet: Waste
0.00 Set mark: Purge Inlet 3: QD00514
0.00 ManFlow: 60.0 {%}
15.00 End_Block
0.00 End_Block
0.00 Block: (Prepare_Purge_Skid_Filter)#Prepare_Purge_Skid_Filter
0.00 Base: Time, ColumnSameAsMain
0.00 Message: Prepare to purge the skid filter., Screen, No sound
0.00 Pause: Infinite {min}
0.01 End_Block
0.00 Block: (Purge_Skid_Filter_Inlet_1)#Purge_Skid_Filter_Inlet_1
0.00 Base: Volume, ColumnSameAsMain
0.00 Air_Alarm: Disabled, Disabled
0.00 Inlet: Inlet1, Closed
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: Bypass_Both
0.00 Outlet: Waste
```

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0.00 ManFlow: 60.0 {%

0.00 Set mark: Purge Inlet 1 and Filter

Comment: Regardless of skid size, keep 20L breakpoint with standard skid filter setup.

Comment: Adjust breakpoint in scenarios with non-standard filter setups (i.e. glass fiber + cartridge filter)

20.00 End_Block

0.00 Block: (Flush_Outlet_Mainstreams_Equil)**#Flush_Outlet_Mainstreams_Equil**

0.00 Base: Volume, ColumnSameAsMain

0.00 Inlet: Inlet1, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: Bypass_Both

0.00 Fractions: 3, 5.0 {1}, Outlet1

0.00 ManFlow: 60.0 {%

Comment: Set breakpoint to number of mainstreams times 5L.

Comment: Always keep with filter flush; block strategically placed to provide additional filter flush.

15.00 End_Block

0.00 Block: (Pause_attach_outlet_containers)**#Pause_attach_outlet_containers**

0.00 Base: Time, ColumnSameAsMain

0.00 Message: Attach Outlets to effluent containers per ticket instructions., Screen, No sound

0.00 Pause: Infinite {min}

0.01 End_Block

0.00 Block: (MabSelect_Pre_Use_Rinse_And_Sanitization)**#MabSelect_Pre_Use_Rinse_And_Sanitization**

0.00 Base: SameAsMain

Comment: Select sanitization strategy based on PFC definition. Delete sani block not used.

0.00 Block: Pre_Sani_Rinse

0.00 Base: SameAsMain

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PA_Totalizer_Reset

0.00 Inlet: Inlet1, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

0.00 Flow: (136)#Pre_Sani_Flowrate {cm/h}

Comment: Set velocity to achieve 2 CV over 15 minutes.

Comment: Velocity (cm/hr) = ((Column Volume x 2/0.25) x 1000)/CSA

0.00 Set mark: Pre_Sani_Rinse

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0.50 Snapshot: Pre_Sani_Rinse End

0.50 End_Block

0.00 Block: Pre_Sanitization

0.00 Base: SameAsMain

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PB_Totalizer_Reset

0.00 Inlet: Closed, Inlet4

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

0.00 Flow: (136)#Pre_Sani_Flowrate {cm/h}

0.00 Set mark: Pre_Sani

2.00 Snapshot: Pre_Sani End

2.00 End_Block

0.00 End_Block

0.00 Block: Purge_B_Pump

0.00 Base: Time, ColumnSameAsMain

0.00 Air_Alarm: Disabled, Disabled

0.00 Inlet: Closed, Inlet7

Comment: Change inlet to match first inlet used from B pump,
henceforth (from this point forward).

Comment: Inlet purge volumes do not apply to pump purges and block
should remain in base of time.

0.00 BubbleTrap: Bypass

0.00 Filter: Bypass

0.00 Column: Bypass_Both

0.00 Outlet: Waste

0.00 ManFlow: 60.0 {%}

0.00 Set mark: Purge Inlet 7

2.00 End_Block

0.00 Block: Purge_A_Pump

0.00 Base: Time, ColumnSameAsMain

0.00 Air_Alarm: Disabled, Disabled

0.00 Inlet: Inlet1, Closed

Comment: Change inlet to match first inlet used from A pump,
henceforth (from this point forward).

Comment: Inlet purge volumes do not apply to pump purges and block
should remain in base of time.

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: Bypass_Both

0.00 Outlet: Waste

0.00 ManFlow: 60.0 {%}

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0.00 Set mark: Purge Inlet 1

2.00 End_Block

0.00 Block: MabSelect_Equilibration

0.00 Base: SameAsMain

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PA_Totalizer_Reset

0.00 Inlet: Inlet1, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

0.00 Flow: (136)#First_CV_Equil_Flowrate {cm/h}

0.00 Set mark: Equil

1.00 Flow: (300)#Equil_Flowrate {cm/h}

2.00 Snapshot: Equil End

2.00 End_Block

Comment: DELETE if using MabSelect SuRe or SuReLX

0.00 Block: UV_Auto_Zero

0.00 Base: Time, ColumnSameAsMain

0.00 AT_PF_AZ

0.10 End_Block

0.00 Block: (Connect_Charge_to_Inlet_Sample)**#Connect_Charge_to_Inlet_Sample**

0.00 Base: Time, ColumnSameAsMain

0.00 Message: Connect Charge to Inlet Sample and open clamps.,
Screen, No sound

0.00 Pause: Infinite {min}

0.01 End_Block

0.00 Block: Charge

0.00 Base: Volume, ColumnSameAsMain

0.00 Injection_Mark

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PA_Totalizer_Reset

0.00 Inlet: Sample, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

Comment: If process uses Triton, change to Outlet 9. Green detergent
does not require special waste.

0.00 Flow: (170)#Charge_Flowrate {cm/h}

0.00 Set mark: Charge

(850.00)#Set_Charge_Volume Snapshot: Charge End

850.00 End_Block

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0.00 Block: Wash_1

0.00 Base: SameAsMain

Comment: Ensure first column wash flows through the material load pump

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PA_Totalizer_Reset

0.00 Inlet: Inlet1, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

Comment: If process uses Triton, change to Outlet 9. Green detergent does not require special waste.

0.00 Flow: (170)#Wash_1_Flowrate {cm/h}

0.00 Set mark: Wash_1

2.00 Snapshot: Wash_1 End

2.00 End_Block

0.00 Block: Wash_2_System_Flush

0.00 Base: Volume, ColumnSameAsMain

0.00 Air_Alarm: Disabled, Disabled

0.00 Inlet: Closed, Inlet7

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: Bypass_Both

0.00 Outlet: Waste

0.00 Flow: (300)#Wash_2_Flowrate {cm/h}

0.00 Set mark: System Flush

0.00 Air_Alarm: Disabled, Enabled

Comment: Set block volume to 10L, 15L, or 20L for 3/8", 1/2", or 3/4" respectively.

Comment: Extended flush volume is to achieve complete skid flush with wash 2 buffer (cond. turnover).

20.00 End_Block

0.00 Block: Wash_2

0.00 Base: SameAsMain

0.00 New chromatogram: Wash2Chromatogram

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PB_Totalizer_Reset

0.00 Inlet: Closed, Inlet7

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

0.00 Flow: (300)#Wash_2_Flowrate {cm/h}

0.00 Injection_Mark

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0.00 Set mark: Wash_2

Comment: Confirm with Development- some molecules expect high UV in Wash 2. Remove watch if that is the case.

0.50 Watch: AT_PF_UV_1, Greater than, (3.0000)#Post_Charge_Wash_UV {AU}, Pause_Warning_High_UV

0.00 Base: SameAsMain

0.00 Message: Warning: HIGH UV. Contact MA, TS or Supervision., Screen, No sound

0.00 Pause: Infinite {min}

0.00 End_Block

4.00 Snapshot: Wash_2 End

4.00 Watch off: AT_PF_UV_1

4.00 End_Block

0.00 Block: Wash_3

0.00 Base: SameAsMain

0.00 Air_Alarm: Disabled, Enabled

0.00 FIT_PA_Totalizer_Reset

0.00 Inlet: Inlet3, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: DownFlow

0.00 Outlet: Waste

0.00 Flow: (300)#Wash_3_Flowrate {cm/h}

0.00 Set mark: Wash_3

0.00 Watch: AT_PF_UV_1, Greater than, (3.0000)#Post_Charge_Wash_UV {AU}, Pause_Warning_High_UV

0.00 Base: SameAsMain

0.00 Message: Warning: HIGH UV. Contact MA, TS or Supervision., Screen, No sound

0.00 Pause: Infinite {min}

0.00 End_Block

4.00 Snapshot: Wash_3 End

4.00 Watch off: AT_PF_UV_1

4.00 End_Block

Comment: DELETE Wash_3 block if only 2 washes

0.00 Block: Flush_Skid_Inlet_2_Elution

0.00 Base: Volume, ColumnSameAsMain

0.00 Watch off: AT_PF_UV_1

0.00 Air_Alarm: Disabled, Disabled

0.00 Inlet: Inlet2, Closed

0.00 BubbleTrap: Inline

0.00 Filter: Inline

0.00 Column: Bypass_Both

0.00 Outlet: Waste

0.00 ManFlow: 60.0 {%}

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0.00 Set mark: Flush skid with Elution buffer
3.00 Flow: (300)#Elution_Flowrate {cm/h}
4.00 Air_Alarm: Disabled, Enabled
Comment: Set block volume to 10L, 15L, or 20L for 3/8", 1/2", or 3/4" respectively.
Comment: Extended flush volume is to acheive complete skid flush with elution buffer (pH turnover).
20.00 End_Block

0.00 Block: Elution

0.00 Base: SameAsMain
0.00 Air_Alarm: Disabled, Enabled
0.00 FIT_PA_Totalizer_Reset
0.00 Inlet: Inlet2, Closed
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: DownFlow
0.00 Outlet: Waste
0.00 Flow: (300)#Elution_Flowrate {cm/h}
0.00 Set mark: Elution
0.00 Watch: PIT_PA., Greater than, 3.00 {bar}, Elution_Message
0.00 Base: SameAsMain
0.00 Message: Pause during elution may trigger UV and impact mainstream collection, Screen, No sound
0.00 End_Block

Comment: LHM4350 2mm Path Length Compensation Factor = 4.92

0.00 Block: Watch_UV

0.00 Base: SameAsMain
0.00 Watch: AT_PF_UV_1, Greater than, 0.2033 {AU}, Collect_Peak
0.00 Base: SameAsMain
0.00 Injection_Mark
0.00 Outlet: (Outlet1)#MS_Outlet
0.00 Watch: AT_PF_UV_1, Greater than, 0.7500 {AU}, watch_Less_Than
0.00 Base: SameAsMain
Comment: Design peak protect to be adequately above backside cut but within skid capability (ex. ~NMT 3 AU).
0.00 Watch: AT_PF_UV_1, Less than, 0.2033 {AU}, End block
0.00 End_Block
Comment: BS cut triggers end block command, ends elution block & automatically transitions to next block.
0.00 End_Block
0.00 End_Block
5.00 Snapshot: Elution End
5.00 Watch off: AT_PF_UV_1
5.00 End_Block

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0.00 Block: Regeneration

0.00 Base: SameAsMain
Comment: Turn off the pressure watches from Elution.
0.00 Watch off: PIT_PA.
0.00 Watch off: PIT_PB.
0.00 Watch off: AT_PF_UV_1
0.00 Air_Alarm: Disabled, Enabled
0.00 FIT_PA_Totalizer_Reset
0.00 Inlet: Inlet2, Closed
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: DownFlow
0.00 Outlet: Waste
0.00 Flow: (300)#Regen_Flowrate {cm/h}
0.00 Set mark: Regen
3.00 FlowDeviation_FIT_PA: 20.0 {l/hour}, -20.0 {l/hour}, 300.0 {sec}, Disabled
3.00 FlowDeviation_FIT_PB: 20.0 {l/hour}, -20.0 {l/hour}, 300.0 {sec}, Disabled
3.00 Snapshot: Regen End
3.00 End_Block

0.00 Block: (MabSelect_Post_Rinse_And_Sanitization)**#MabSelect_Post_Rinse_And_Sanitization**

0.00 Base: SameAsMain
Comment: Turn off the pressure watches from Elution.
0.00 Watch off: PIT_PA.
0.00 Watch off: PIT_PB.
0.00 Watch off: AT_PF_UV_1

0.00 Block: Rinse_3

0.00 Base: SameAsMain
0.00 Air_Alarm: Disabled, Enabled
0.00 FIT_PA_Totalizer_Reset
0.00 Inlet: Inlet1, Closed
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: UpFlow
0.00 Outlet: Waste
0.00 Flow: (136)#Post_Use_Sani_Flowrate {cm/h}
0.00 Set mark: Rinse_3
0.50 Snapshot: Rinse_3 End
0.50 End_Block

0.00 Block: Post_Use_Sanitization

0.00 Base: SameAsMain
0.00 Air_Alarm: Disabled, Enabled

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```
0.00 FIT_PB_Totalizer_Reset
0.00 Inlet: Closed, Inlet4
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: UpFlow
0.00 Outlet: Waste
0.00 Flow: (136)#Post_Use_Sani_Flowrate {cm/h}
Comment: Set velocity to hit 2 CV in 15 min
0.00 Set mark: Post_Use_Sani
2.00 Snapshot: Post_Use_Sani End
2.00 End_Block
0.00 End_Block
Comment: Keep for Mab Select, Delete for Mab Select SuRe
0.00 Block: (Column_Storage)#Column_Storage
0.00 Base: SameAsMain
0.00 Block: Storage_Rinse
0.00 Base: SameAsMain
0.00 Air_Alarm: Disabled, Enabled
0.00 FIT_PA_Totalizer_Reset
0.00 Inlet: Inlet1, Closed
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: UpFlow
0.00 Outlet: Waste
0.00 Flow: (300)#Storage_Flowrate {cm/h}
0.00 Set mark: Storage_Rinse
0.50 Snapshot: Storage_Rinse_End
0.50 End_Block
0.00 Block: Storage
0.00 Base: SameAsMain
0.00 Air_Alarm: Disabled, Enabled
0.00 FIT_PB_Totalizer_Reset
0.00 Inlet: Closed, Inlet5
0.00 BubbleTrap: Inline
0.00 Filter: Inline
0.00 Column: UpFlow
0.00 Outlet: Waste
0.00 Flow: (300)#Storage_Flowrate {cm/h}
0.00 Set mark: Storage
2.00 Snapshot: Storage End
2.00 End_Block
0.00 End_Block
0.00 Block: (Blank)#Blank
0.00 Base: SameAsMain
```

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0.00 End_Block

0.00 Block: Return_to_Default

0.00 Base: Time, Any

Comment: This block sets skid flowpath back to default settings to prevent nuisance valve alarms,

0.00 ManFlow: 0.0 {%}

0.05 Filter: Bypass

0.05 Column: Bypass_Both

0.10 BubbleTrap: Inline

0.10 Inlet: Closed, Closed

0.50 Outlet: Closed

0.50 End_Block

0.00 Block: End_of_Run_Delay

0.00 Base: Time, Any

Comment: This block gives system time for data transfer to server.

0.10 End_Block

Scouting

| Run | Included | Startup_Blocks | Prepare_Purge_Sk id_Filter | Purge_Skid_Filte r_Inlet_1 |
|-----|----------|----------------|-------------------------------|-------------------------------|
| 1 | Yes | Startup_Blocks | Prepare_Purge_Sk id_Filter | Purge_Skid_Filte r_Inlet_1 |
| 2 | Yes | Blank | Blank | Blank |
| 3 | Yes | Blank | Blank | Blank |
| 4 | Yes | Blank | Blank | Blank |
| 5 | Yes | Blank | Blank | Blank |
| 6 | Yes | Blank | Blank | Blank |
| 7 | Yes | Blank | Blank | Blank |
| 8 | Yes | Blank | Blank | Blank |
| 9 | Yes | Blank | Blank | Blank |
| 10 | Yes | Blank | Blank | Blank |
| 11 | Yes | Blank | Blank | Blank |
| 12 | Yes | Blank | Blank | Blank |
| 13 | Yes | Blank | Blank | Blank |
| 14 | Yes | Blank | Blank | Blank |
| 15 | Yes | Blank | Blank | Blank |
| 16 | Yes | Blank | Blank | Blank |
| 17 | Yes | Blank | Blank | Blank |
| 18 | Yes | Blank | Blank | Blank |
| 19 | Yes | Blank | Blank | Blank |
| 20 | Yes | Blank | Blank | Blank |
| 21 | Yes | Blank | Blank | Blank |
| 22 | Yes | Blank | Blank | Blank |
| 23 | Yes | Blank | Blank | Blank |

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| Run | Included | Startup_Blocks | Prepare_Purge_Skid_Filter | Purge_Skid_Filter_Inlet_1 |
|-----|----------|----------------|---------------------------|---------------------------|
| 24 | Yes | Blank | Blank | Blank |

| Run | Included | Flush_Outlet_Mainstreams_Equil | Pause_attach_outlet_containers | MabSelect_Pre_Use_Rinse_And_Sanitization |
|-----|----------|--------------------------------|--------------------------------|--|
| 1 | Yes | Flush_Outlet_Mainstreams_Equil | Pause_attach_outlet_containers | MabSelect_Pre_Use_Rinse_And_Sanitization |

| | | | | |
|----|-----|-------|-------|-------|
| 2 | Yes | Blank | Blank | Blank |
| 3 | Yes | Blank | Blank | Blank |
| 4 | Yes | Blank | Blank | Blank |
| 5 | Yes | Blank | Blank | Blank |
| 6 | Yes | Blank | Blank | Blank |
| 7 | Yes | Blank | Blank | Blank |
| 8 | Yes | Blank | Blank | Blank |
| 9 | Yes | Blank | Blank | Blank |
| 10 | Yes | Blank | Blank | Blank |
| 11 | Yes | Blank | Blank | Blank |
| 12 | Yes | Blank | Blank | Blank |
| 13 | Yes | Blank | Blank | Blank |
| 14 | Yes | Blank | Blank | Blank |
| 15 | Yes | Blank | Blank | Blank |
| 16 | Yes | Blank | Blank | Blank |
| 17 | Yes | Blank | Blank | Blank |
| 18 | Yes | Blank | Blank | Blank |
| 19 | Yes | Blank | Blank | Blank |
| 20 | Yes | Blank | Blank | Blank |
| 21 | Yes | Blank | Blank | Blank |
| 22 | Yes | Blank | Blank | Blank |
| 23 | Yes | Blank | Blank | Blank |
| 24 | Yes | Blank | Blank | Blank |

| Run | Included | Pre_Sani_Flowrate | First_CV_Equil_Flowrate | Equil_Flowrate |
|-----|----------|-------------------|-------------------------|----------------|
| 1 | Yes | 136 | 136 | 300 |
| 2 | Yes | 136 | 136 | 300 |
| 3 | Yes | 136 | 136 | 300 |
| 4 | Yes | 136 | 136 | 300 |
| 5 | Yes | 136 | 136 | 300 |
| 6 | Yes | 136 | 136 | 300 |
| 7 | Yes | 136 | 136 | 300 |
| 8 | Yes | 136 | 136 | 300 |
| 9 | Yes | 136 | 136 | 300 |

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| Run | Included | Pre_Sani_Flowrate | First_CV_Equil_Flowrate | Equil_Flowrate |
|-----|----------|-------------------|-------------------------|----------------|
| 10 | Yes | 136 | 136 | 300 |
| 11 | Yes | 136 | 136 | 300 |
| 12 | Yes | 136 | 136 | 300 |
| 13 | Yes | 136 | 136 | 300 |
| 14 | Yes | 136 | 136 | 300 |
| 15 | Yes | 136 | 136 | 300 |
| 16 | Yes | 136 | 136 | 300 |
| 17 | Yes | 136 | 136 | 300 |
| 18 | Yes | 136 | 136 | 300 |
| 19 | Yes | 136 | 136 | 300 |
| 20 | Yes | 136 | 136 | 300 |
| 21 | Yes | 136 | 136 | 300 |
| 22 | Yes | 136 | 136 | 300 |
| 23 | Yes | 136 | 136 | 300 |
| 24 | Yes | 136 | 136 | 300 |

| Run | Included | Connect_Charge_time_Inlet_Sample | Charge_Flowrate | Set_Charge_Volume |
|-----|----------|----------------------------------|-----------------|-------------------|
| 1 | Yes | Connect_Charge_time_Inlet_Sample | 170 | 850.00 |
| 2 | Yes | Blank | 170 | 850.00 |
| 3 | Yes | Blank | 170 | 850.00 |
| 4 | Yes | Blank | 170 | 850.00 |
| 5 | Yes | Blank | 170 | 850.00 |
| 6 | Yes | Blank | 170 | 850.00 |
| 7 | Yes | Blank | 170 | 850.00 |
| 8 | Yes | Blank | 170 | 850.00 |
| 9 | Yes | Blank | 170 | 850.00 |
| 10 | Yes | Blank | 170 | 850.00 |
| 11 | Yes | Blank | 170 | 850.00 |
| 12 | Yes | Blank | 170 | 850.00 |
| 13 | Yes | Blank | 170 | 850.00 |
| 14 | Yes | Blank | 170 | 850.00 |
| 15 | Yes | Blank | 170 | 850.00 |
| 16 | Yes | Blank | 170 | 850.00 |
| 17 | Yes | Blank | 170 | 850.00 |
| 18 | Yes | Blank | 170 | 850.00 |
| 19 | Yes | Blank | 170 | 850.00 |
| 20 | Yes | Blank | 170 | 850.00 |
| 21 | Yes | Blank | 170 | 850.00 |
| 22 | Yes | Blank | 170 | 850.00 |
| 23 | Yes | Blank | 170 | 850.00 |
| 24 | Yes | Blank | 170 | 850.00 |

UNICORN 7.3.0

15(19)

User: AM/c304117 4/4/2025 10:08:09 AM -04:00

Method: v001 Scouting Method LB2273 Protein A

| Run | Included | Wash_1_Flowrate | Wash_2_Flowrate | Post_Charge_Wash _UV |
|-----|----------|-----------------|-----------------|-------------------------|
| 1 | Yes | 170 | 300 | 3.0000 |
| 2 | Yes | 170 | 300 | 3.0000 |
| 3 | Yes | 170 | 300 | 3.0000 |
| 4 | Yes | 170 | 300 | 3.0000 |
| 5 | Yes | 170 | 300 | 3.0000 |
| 6 | Yes | 170 | 300 | 3.0000 |
| 7 | Yes | 170 | 300 | 3.0000 |
| 8 | Yes | 170 | 300 | 3.0000 |
| 9 | Yes | 170 | 300 | 3.0000 |
| 10 | Yes | 170 | 300 | 3.0000 |
| 11 | Yes | 170 | 300 | 3.0000 |
| 12 | Yes | 170 | 300 | 3.0000 |
| 13 | Yes | 170 | 300 | 3.0000 |
| 14 | Yes | 170 | 300 | 3.0000 |
| 15 | Yes | 170 | 300 | 3.0000 |
| 16 | Yes | 170 | 300 | 3.0000 |
| 17 | Yes | 170 | 300 | 3.0000 |
| 18 | Yes | 170 | 300 | 3.0000 |
| 19 | Yes | 170 | 300 | 3.0000 |
| 20 | Yes | 170 | 300 | 3.0000 |
| 21 | Yes | 170 | 300 | 3.0000 |
| 22 | Yes | 170 | 300 | 3.0000 |
| 23 | Yes | 170 | 300 | 3.0000 |
| 24 | Yes | 170 | 300 | 3.0000 |

| Run | Included | Wash_3_Flowrate | Elution_Flowrate | MS_Outlet |
|-----|----------|-----------------|------------------|-----------|
| 1 | Yes | 300 | 300 | Outlet1 |
| 2 | Yes | 300 | 300 | Outlet1 |
| 3 | Yes | 300 | 300 | Outlet1 |
| 4 | Yes | 300 | 300 | Outlet1 |
| 5 | Yes | 300 | 300 | Outlet1 |
| 6 | Yes | 300 | 300 | Outlet1 |
| 7 | Yes | 300 | 300 | Outlet1 |
| 8 | Yes | 300 | 300 | Outlet1 |
| 9 | Yes | 300 | 300 | Outlet2 |
| 10 | Yes | 300 | 300 | Outlet2 |
| 11 | Yes | 300 | 300 | Outlet2 |
| 12 | Yes | 300 | 300 | Outlet2 |
| 13 | Yes | 300 | 300 | Outlet2 |
| 14 | Yes | 300 | 300 | Outlet2 |
| 15 | Yes | 300 | 300 | Outlet2 |
| 16 | Yes | 300 | 300 | Outlet2 |

UNICORN 7.3.0

16(19)

User: AM/c304117 4/4/2025 10:08:09 AM -04:00

Method: v001 Scouting Method LB2273 Protein A

| Run | Included | Wash_3_Flowrate | Elution_Flowrate | MS_Outlet |
|-----|----------|-----------------|------------------|-----------|
| 17 | Yes | 300 | 300 | Outlet3 |
| 18 | Yes | 300 | 300 | Outlet3 |
| 19 | Yes | 300 | 300 | Outlet3 |
| 20 | Yes | 300 | 300 | Outlet3 |
| 21 | Yes | 300 | 300 | Outlet3 |
| 22 | Yes | 300 | 300 | Outlet3 |
| 23 | Yes | 300 | 300 | Outlet3 |
| 24 | Yes | 300 | 300 | Outlet3 |

| Run | Included | Regen_Flowrate | MabSelect_Post_R inse_And_Sanitiz ation | Post_Use_Sani_Fl owrate |
|-----|----------|----------------|---|----------------------------|
| 1 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 2 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 3 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 4 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 5 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 6 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 7 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 8 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 9 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 10 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 11 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |

UNICORN 7.3.0

17(19)

User: AM/c304117 4/4/2025 10:08:09 AM -04:00

Method: v001 Scouting Method LB2273 Protein A

| Run | Included | Regen_Flowrate | MabSelect_Post_R inse_And_Sanitiz ation | Post_Use_Sani_Fl owrate |
|-----|----------|----------------|---|----------------------------|
| 12 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 13 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 14 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 15 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 16 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 17 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 18 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 19 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 20 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 21 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 22 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 23 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| 24 | Yes | 300 | MabSelect_Post_R inse_And_Sanitiz ation | 136 |
| Run | Included | Column_Storage | Storage_Flowrate | Blank |
| 1 | Yes | Blank | 300 | Blank |
| 2 | Yes | Blank | 300 | Blank |
| 3 | Yes | Blank | 300 | Blank |

UNICORN 7.3.0

18(19)

User: AM/c304117 4/4/2025 10:08:09 AM -04:00

Method: v001 Scouting Method LB2273 Protein A

| Run | Included | Column_Storage | Storage_Flowrate | Blank |
|-----|----------|----------------|------------------|-------|
| 4 | Yes | Blank | 300 | Blank |
| 5 | Yes | Blank | 300 | Blank |
| 6 | Yes | Blank | 300 | Blank |
| 7 | Yes | Blank | 300 | Blank |
| 8 | Yes | Blank | 300 | Blank |
| 9 | Yes | Blank | 300 | Blank |
| 10 | Yes | Blank | 300 | Blank |
| 11 | Yes | Blank | 300 | Blank |
| 12 | Yes | Blank | 300 | Blank |
| 13 | Yes | Blank | 300 | Blank |
| 14 | Yes | Blank | 300 | Blank |
| 15 | Yes | Blank | 300 | Blank |
| 16 | Yes | Blank | 300 | Blank |
| 17 | Yes | Blank | 300 | Blank |
| 18 | Yes | Blank | 300 | Blank |
| 19 | Yes | Blank | 300 | Blank |
| 20 | Yes | Blank | 300 | Blank |
| 21 | Yes | Blank | 300 | Blank |
| 22 | Yes | Blank | 300 | Blank |
| 23 | Yes | Blank | 300 | Blank |
| 24 | Yes | Column_Storage | 300 | Blank |

Method information

Signatures

Date:4/4/2025 10:06:21 AM -04:00

Description:This method is locked down for LB2273 proA phase I

User name:c304117

Full name:Helen Corbat

Job title:Engineer - BRD Technical Operations

Lock status:The item is locked

Start protocol

Method Items to display at method start:

Scouting

Questions

Result Name And Location

Questions

No. 1: Is QD00015 connected to Inlet Sample?

Question type: Mandatory

Answer type: Multiple choice

No. 2: Is QD00429 connected to Inlet 2?

UNICORN 7.3.0

19(19)

User: AM/c304117 4/4/2025 10:08:09 AM -04:00

Method: v001 Scouting Method LB2273 Protein A

Question type: Mandatory

Answer type: Multiple choice

No. 3: Is QD00514 connected to Inlet 3?

Question type: Mandatory

Answer type: Multiple choice

No. 4: Is QD00203 connected to Inlet 4?

Question type: Mandatory

Answer type: Multiple choice

No. 5: Is QD00249 connected to Inlet 5?

Question type: Mandatory

Answer type: Multiple choice

No. 6: Is QD00121 connected to Inlet 7?

Question type: Mandatory

Answer type: Multiple choice

No. 7: Ensure Outlet Waste directed to AWN?

Question type: Mandatory

Answer type: Multiple choice

No. 8: Ensure Secondary Waste is set up appropriately?

Question type: Mandatory

Answer type: Multiple choice

Result name and location

Result folder name: /K360PP/1 Campaigns/LB2273/Phase I/Protein A

Scouting folder name: LB2273 ProA BR

Result name: LB2273 ProA BR (Type: Name) without unique identifier