

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 achieve 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

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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

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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

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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