

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 &amp; 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<br>id_Filter | Purge_Skid_Filte<br>r_Inlet_1 |
|-----|----------|----------------|-------------------------------|-------------------------------|
| 1   | Yes      | Startup_Blocks | Prepare_Purge_Sk<br>id_Filter | Purge_Skid_Filte<br>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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14(19)

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

Method: v001 Scouting Method LB2273 Protein A

| 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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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<br>_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   |

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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<br>inse_And_Sanitiz<br>ation | Post_Use_Sani_Fl<br>owrate |
|-----|----------|----------------|---|----------------------------|
| 1   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 2   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 3   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 4   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 5   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 6   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 7   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 8   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 9   | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 10  | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |
| 11  | Yes      | 300            | MabSelect_Post_R<br>inse_And_Sanitiz<br>ation | 136                        |



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

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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?

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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