```
UNICORN 7.3.0
                                                                      1 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
Text instructions
Main method:
  0.00
         Base: CV, Vc=69.555 {1}, LB2273 CEX 24pt6cm H x 60cm D
  0.00
         Phase: Method Settings
    0.00
           Base: SameAsMain
  0.00
         Phase: User Defined
           Base: SameAsMain
    0.00
           Set mark: (Result Name) #Result Name
    0.00
    0.00
           Block: Start Conditions
             Base: SameAsMain
      0.00
      0.00
             Air Alarm: Disabled, Disabled
      Comment: See valley detect method if using valley strategy in elution.
      Comment: Disabling Flow warning prevents "no flow" error when method
      is run.
      0.00
            Flow warning: Disabled
      Comment: Reduce flow deviation if method will require flowrate less
      than 10 L/hr
             FlowDeviation FIT PA: 20.0 {1/hour}, -20.0 {1/hour}, 300.0
      {sec}, Enabled
           FlowDeviation FIT PB: 20.0 {1/hour}, -20.0 {1/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}, 2.70 {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, and 15L for 3/8",
    1/2", and 3/4" skid 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
```

```
UNICORN 7.3.0
                                                                      2 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
        0.00
               Filter: Bypass
        0.00
               Column: UpFlow
        0.00
               Outlet: Waste
        0.00
               ManFlow: 60.0 {%}
        0.00
               Set mark: Purge Inlet 5 and Column Bypass Line: QD00008
        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
               Base: Time, ColumnSameAsMain
        0.00
               Message: Close valves to column bypass loop and open column
        0.00
        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
               Air Alarm: Disabled, Disabled
        0.00
        0.00
             Inlet: Sample, Closed
        0.00
               BubbleTrap: Bypass
        0.00
              Filter: Bypass
               Column: Bypass Both
        0.00
        0.00
             Outlet: Waste
        0.00
             ManFlow: 60.0 {%}
        0.00
               Set mark: Purge Inlet Sample: QD00305
        15.00
               End Block
      0.00
             Block: Connect Equil to Inlet 1
               Base: Time, ColumnSameAsMain
        0.00
        0.00
               Message: Connect QD00305 to Inlet 1 and open clamps., Screen,
        No sound
        0.00
               Pause: Infinite {min}
        0.01
               End Block
      0.00
            Block: Purge Inlet 4
               Base: Volume, ColumnSameAsMain
        0.00
        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: QD00007
               End Block
        15.00
      0.00
             Block: Purge Inlet 7
```

```
UNICORN 7.3.0
                                                                      3 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
        0.00
               Base: Volume, ColumnSameAsMain
               Air Alarm: Disabled, Disabled
        0.00
        0.00
               Inlet: Closed, Inlet7
        0.00
               BubbleTrap: Bypass
               Filter: Bypass
        0.00
        0.00
               Column: Bypass Both
        0.00
               Outlet: Waste
        0.00
             ManFlow: 60.0 {%}
        0.00
               Set mark: Purge Inlet 7: QD00346
        15.00
               End Block
      0.00
             End Block
         Block: (Prepare Purge Skid Filter) #Prepare Purge Skid Filter
             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
             Base: Volume, ColumnSameAsMain
      0.00
             Air Alarm: Disabled, Disabled
      0.00
      0.00 Inlet: Inlet1, Closed
      0.00 BubbleTrap: Inline
      0.00
           Filter: Inline
      0.00 Column: Bypass Both
      0.00 Outlet: Waste
      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 setups (i.e.
      glass fiber + cartridge filter).
      20.00
              End Block
    0.00
           Block: (Flush Outlet Mainstreams Equil)
    #Flush Outlet Mainstreams Equil
             Base: Volume, ColumnSameAsMain
      0.00
      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
           ManFlow: 60.0 {%}
      0.00
            Fractions: 3, 5.0 {1}, Outlet1
      Comment: Set breakpoint to number of mainstreams times 5L.
      Comment: Always keep with filter flush; block strategically placed to
      provide additional filter flush.
```

```
UNICORN 7.3.0
                                                                     4 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
      15.00
              End Block
    0.00
         Block: (Pause attach outlet containers)
    #Pause attach outlet containers
      0.00
             Base: Time, ColumnSameAsMain
             Message: Attach Outlets to effluent containers per ticket
      0.00
      instructions., Screen, No sound
           Pause: Infinite {min}
      0.01
             End Block
         Block: (Pre-Use Sanitization) #Pre-Use Sanitization
             Base: SameAsMain
      0.00
             Block: Pre Use Sani
        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: (300) #Pre Sani Flowrate {cm/h}
        0.00 Set mark: Pre Sani
        2.00
               Snapshot: Pre Sani End
        2.00
               End Block
           Block: Pause Complete Sanitization
      0.00
        0.00
             Base: Time, ColumnSameAsMain
        0.00
               Pause: 30.00 {min}
        0.01
               End Block
           End Block
      0.00
    0.00
          Block: Purge A Pump
      0.00
             Base: Time, ColumnSameAsMain
      0.00
             Air Alarm: Disabled, Disabled
             Inlet: Inlet1, Closed
      0.00
      Comment: Change inlet to match first inlet used from pump A,
      henceforth (from this point forward)
      Comment: Inlet purge volumes do not apply to pump purges and block
      should remain in base time.
      0.00
            BubbleTrap: Bypass
      0.00 Filter: Bypass
      0.00 Column: Bypass Both
           Outlet: Waste
      0.00
      0.00 ManFlow: 60.0 {%}
      0.00
           Set mark: Purge Inlet 1
      2.00
             End Block
    0.00 Block: Purge B Pump
```

```
UNICORN 7.3.0
                                                                     5 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
             Base: Time, ColumnSameAsMain
      0.00
      0.00
             Air Alarm: Disabled, Disabled
             Inlet: Closed, Inlet7
      0.00
      Comment: Change inlet to match first inlet used from pump B,
      henceforth (from this point forward)
      Comment: Inlet purge volumes do not apply to pump purges and block
      should remain in base time.
      0.00
             BubbleTrap: Inline
      0.00 Filter: Inline
      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: Pre Equilibration
      0.00
             Base: SameAsMain
      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) #Equil Flowrate {cm/h}
      0.00 Set mark: Pre Equil
      2.00
             Snapshot: Pre Equil End
      2.00
             End Block
    0.00
         Block: Equilibration
      0.00
             Base: SameAsMain
      0.00
             Air Alarm: Disabled, Enabled
      0.00
             FIT_PA_Totalizer_Reset
      0.00
             FIT PB Totalizer Reset
            FIT PA+PB Totalizer Reset
      0.00
      0.00 Inlet: Inlet1, Closed
      0.00
            BubbleTrap: Inline
      0.00 Filter: Inline
      0.00
            Column: DownFlow
      0.00 Outlet: Waste
      0.00
           Flow: (300) #Equil Flowrate {cm/h}
      0.00 Set mark: Equil
      3.00
             Snapshot: Equil End
      3.00
             End Block
    0.00
          Block: UV Auto Zero
             Base: Time, ColumnSameAsMain
```

```
UNICORN 7.3.0
                                                                     6 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
             AT PF AZ
      0.00
      0.10 End Block
           Block: (Connect_Charge_to_Inlet_Sample)
    #Connect Charge to Inlet Sample
            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
           Column: DownFlow
      0.00
      0.00 Outlet: Waste
      0.00 Flow: (200) #Charge Flowrate {cm/h}
      0.00
             Set mark: Charge
      (800.00) #Set Charge Volume Snapshot: Charge End
      800.00
              End Block
    0.00
           Block: Post Charge Wash
      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 FIT PB Totalizer Reset
      0.00 FIT PA+PB Totalizer Reset
      0.00
           Inlet: Inlet1, Inlet7
      0.00 BubbleTrap: Inline
           Filter: Inline
      0.00
      0.00
            Column: DownFlow
           Outlet: Waste
      0.00
      0.00 GradMode: FlowGradient
      0.00 Gradient: 20.0 {%B}, 0.00 {base}
      0.00 Flow: (200) #Post Charge Wash Flowrate {cm/h}
             Set mark: Post Charge Wash
      0.00
      2.00
             Snapshot: Post Charge Wash End
      2.00
             Watch off: AT PF UV 1
      2.00
             End Block
    0.00 Block: (Elution) #Elution
```

```
UNICORN 7.3.0
                                                                      7 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
      0.00
             Base: SameAsMain
      0.00
           Air Alarm: Disabled, Enabled
           FIT PA Totalizer_Reset
      0.00
      0.00 FIT PB Totalizer Reset
      0.00 FIT PA+PB Totalizer Reset
      0.00 Inlet: Inlet1, Inlet7
      0.00
           BubbleTrap: Inline
      0.00 Filter: Inline
           Column: DownFlow
      0.00
      0.00 Outlet: Waste
      0.00
           GradMode: FlowGradient
      0.00 Flow: (200) #Elution Flowrate {cm/h}
      0.00 Gradient: 70.0 {%B}, 12.50 {base}
      0.00
           Set mark: Elution
      0.00
           Watch: PIT PA., Greater than, 3.00 {bar}, Elution Message
             Base: SameAsMain
        0.00
             Message: Pause during elution may trigger UV and impact
        0.00
        mainstream collection, Screen, No sound
        0.00
               End Block
            Watch: PIT PB., Greater than, 2.70 {bar}, Slow Flow
      0.00
               Base: SameAsMain
               Flow: (150) #Reduced Elution Flow {cm/h}
        Comment: Ensure Reduced Elution Flowrate is adequately below defined
        flowrate.
               Message: Pause during elution may trigger UV and impact
        mainstream collection, Screen, No sound
               End Block
        0.00
      Comment: LHM4350 2mm Path Length Compensation Factor = 4.92
             Block: Watch UV
        0.00
               Base: SameAsMain
        0.00
               Watch: AT PF UV 1, Greater than, 0.6098 {AU}, Collect Peak
                 Base: SameAsMain
          0.00
          0.00
                 Injection Mark
          0.00
                 Outlet: (Outlet1) #MS Outlet
                 Watch: AT PF UV 1, Greater than, 1.5000 {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).
                   Watch: AT PF UV 1, Less than, 0.8130 {AU}, End block
            0.00
                   End Block
            0.00
          Comment: BS cut triggers end block command, ends elution block, &
          automatically transitions to next block.
          0.00
                 End Block
        0.00
               End Block
```

```
UNICORN 7.3.0
                                                                     8 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
      12.50
              GradMode: FlowGradient
      12.50
              Gradient: 70.0 {%B}, 0.00 {base}
      14.50 Snapshot: Elution End
      14.50 Watch off: AT PF UV 1
      14.50 End Block
      Comment: Keep following gradient/gradmode commands if PFC has
      isocratic hold and update per PFC requirements
           Block: (Elution Full Backside) #Elution Full Backside
    0.00
      0.00
             Base: SameAsMain
      0.00
             Air Alarm: Disabled, Enabled
      0.00 FIT PA Totalizer Reset
      0.00 FIT PB Totalizer Reset
      0.00 FIT PA+PB Totalizer Reset
      0.00 Inlet: Inlet1, Inlet7
      0.00 BubbleTrap: Inline
      0.00 Filter: Inline
      0.00 Column: DownFlow
      0.00 Outlet: Waste
      0.00 Flow: (200) #Elution Flowrate {cm/h}
      0.00 GradMode: FlowGradient
      0.00 Gradient: 70.0 {%B}, 12.50 {base}
      0.00
           Set mark: Elution
      0.00
           Watch: PIT PA., Greater than, 3.00 {bar}, Elution Message
        0.00 Base: SameAsMain
             Message: Pause during elution may trigger UV and impact
        mainstream collection, Screen, No sound
               End Block
        0.00
      Comment: LHM4350 2mm Path Length Compensation Factor = 4.92
             Watch: PIT PB., Greater than, 2.70 {bar}, Slow Flow
        0.00
               Base: SameAsMain
        0.00
               Flow: (150) #Reduced Elution Flow {cm/h}
        Comment: Ensure Reduced Elution Flowrate is adequately below defined
        flowrate.
               Message: Pause during elution may trigger UV and impact
        0.00
        mainstream collection, Screen, No sound
               End Block
      0.00
            Block: Watch UV 1
        0.00
               Base: SameAsMain
               Watch: AT_PF_UV_1, Greater than, 0.6098 {AU}, Collect Peak 1
        0.00
          0.00
                 Base: SameAsMain
          0.00
               Injection Mark
          0.00
                 Outlet: (Outlet1) #MS Outlet
                 Watch: AT PF UV 1, Greater than, 1.5000 {AU},
          watch Less Than 1
            0.00
                   Base: SameAsMain
```

```
UNICORN 7.3.0
                                                                      9 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
            Comment: Design peak protect to be adequately above backside cut
            but within skid capability (ex. NMT3AU).
            Comment: Design peak protect to be adequately above backside cut
            but within skid capability (ex. ~NMT 3 AU).
                   Watch: AT PF UV 1, Less than, 0.8130 {AU}, stop Collect
                     Base: SameAsMain
               0.00
               0.00
                     Outlet: Waste
              Comment: stop Collect block ends MS collection and sends
               remaining elution to waste.
               0.00
                    End Block
            0.00 End Block
          0.00
                End Block
        0.00
               End Block
      Comment: Keep following gradient/gradmode commands if PFC has
      isocratic hold and update per PFC requirements
              GradMode: FlowGradient
      12.50
      12.50
              Gradient: 70.0 {%B}, 0.00 {base}
      14.50
            Snapshot: Elution End
      14.50
             Watch off: AT PF UV 1
      14.50
              End Block
    0.00
           Block: High Salt Wash
      0.00
             Base: SameAsMain
      Comment: Delete High Salt Wash block if not needed per PFC
      Comment: Turn off the pressure watches from Elution.
            Watch off: PIT PA.
      0.00
      0.00
             Watch off: PIT PB.
             Watch off: AT PF UV 1
      0.00
             Air Alarm: Disabled, Enabled
      0.00
      0.00 FIT PB Totalizer Reset
      0.00 Inlet: Closed, Inlet7
      0.00 BubbleTrap: Inline
      0.00
           Filter: Inline
      0.00 Column: UpFlow
      0.00 Outlet: Waste
      0.00 Flow: (300) #High Salt Wash Flowrate {cm/h}
      0.00
           Set mark: High Salt Wash
             Snapshot: High Salt Wash End
      2.00
      2.00
             End Block
    0.00
         Block: Post Use Sanitization
             Base: SameAsMain
      0.00
      0.00
             Block: Post Use Sani
               Base: SameAsMain
        Comment: Turn off the pressure watches from Elution.
               Watch off: PIT PA.
        0.00
```

```
UNICORN 7.3.0
                                                                    10 (14)
User: AM/c304117 4/2/2025 9:45:13 AM -04:00
Method: v001 Scouting Method LB2273 CEX
               Watch off: PIT PB.
        0.00
               Watch off: AT PF UV 1
        0.00
               New chromatogram: Post Use Sani
        0.00
        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: (300) #Post Use Sani Flowrate {cm/h}
        0.00
               Set mark: Post Use Sani
        2.00 FlowDeviation FIT PA: 20.0 {1/hour}, -20.0 {1/hour}, 300.0
        {sec}, Disabled
              FlowDeviation FIT PB: 20.0 {1/hour}, -20.0 {1/hour}, 300.0
        2.00
        {sec}, Disabled
               Snapshot: Post Use Sani End
        2.00
        2.00
               End Block
           Block: Pause Complete Sanitization
      0.00
        0.00
               Base: Time, ColumnSameAsMain
        0.00
               Pause: 30.00 {min}
        0.01
              End Block
      0.00
             End Block
    0.00
         Block: (Storage) #Storage
      0.00
             Base: SameAsMain
      0.00
             FlowDeviation FIT PA: 20.0 {1/hour}, -20.0 {1/hour}, 300.0
      {sec}, Enabled
             FlowDeviation FIT PB: 20.0 {1/hour}, -20.0 {1/hour}, 300.0
      0.00
      {sec}, Enabled
      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 Block: (Blank) #Blank
      0.00 Base: SameAsMain
      0.00
             End Block
    0.00 Block: Return to Default
      0.00 Base: Time, Any
```

UNICORN 7.3.0 11(14)

User: AM/c304117 4/2/2025 9:45:13 AM -04:00

Method: v001 Scouting Method LB2273 CEX

 $\hbox{\tt Comment: This block sets skid flowpath back to default settings to}\\$ 

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
Run	Included	Flush_Outlet_Mai	Pause_attach_out	
	Included	nstreams_Equil	let_containers	Use_Sanitization
Run 1	Included Yes	nstreams_Equil Flush_Outlet_Mai	let_containers Pause_attach_out	Use_Sanitization Pre-
1	Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil	let_containers Pause_attach_out let_containers	Use_Sanitization Pre- Use_Sanitization
1 2	Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank	let_containers Pause_attach_out let_containers Blank	Use_Sanitization Pre- Use_Sanitization Blank
1 2 3	Yes Yes Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank Blank	let_containers Pause_attach_out let_containers Blank Blank	Use_Sanitization Pre- Use_Sanitization Blank Blank
1 2 3 4	Yes Yes Yes Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank Blank Blank Blank	let_containers Pause_attach_out let_containers Blank Blank Blank	Use_Sanitization Pre- Use_Sanitization Blank Blank Blank Blank
1 2 3 4 5	Yes Yes Yes Yes Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank Blank Blank Blank Blank	let_containers Pause_attach_out let_containers Blank Blank Blank Blank Blank	Use_Sanitization Pre- Use_Sanitization Blank Blank Blank Blank Blank
1 2 3 4 5 6	Yes Yes Yes Yes Yes Yes Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank Blank Blank Blank Blank Blank Blank	let_containers Pause_attach_out let_containers Blank Blank Blank Blank Blank Blank Blank	Use_Sanitization Pre- Use_Sanitization Blank Blank Blank Blank Blank Blank Blank
1 2 3 4 5 6 7	Yes Yes Yes Yes Yes Yes Yes Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank Blank Blank Blank Blank Blank Blank Blank Blank	let_containers Pause_attach_out let_containers Blank Blank Blank Blank Blank Blank Blank Blank Blank	Use_Sanitization Pre- Use_Sanitization Blank Blank Blank Blank Blank Blank Blank Blank
1 2 3 4 5 6 7	Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank	let_containers Pause_attach_out let_containers Blank	Use_Sanitization Pre- Use_Sanitization Blank
1 2 3 4 5 6 7 8 9	Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank	let_containers Pause_attach_out let_containers Blank	Use_Sanitization Pre- Use_Sanitization Blank
1 2 3 4 5 6 7	Yes	nstreams_Equil Flush_Outlet_Mai nstreams_Equil Blank	let_containers Pause_attach_out let_containers Blank	Use_Sanitization Pre- Use_Sanitization Blank

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Method: v001 Scouting Method LB2273 CEX

Run	Included	Flush_Outlet_Mai	Pause_attach_out	
		nstreams_Equil	let_containers	Use_Sanitization
12	Yes	Blank	Blank	Blank
Run	Included	Pre_Sani_Flowrat	Equil_Flowrate	Connect_Charge_t
		е		o_Inlet_Sample
1	Yes	300	300	Connect_Charge_t
_				o_Inlet_Sample
2	Yes	300	300	Blank
3	Yes	300	300	Blank
4	Yes	300	300	Blank
5	Yes	300	300	Connect_Charge_t
				o_Inlet_Sample
6	Yes	300	300	Blank
7	Yes	300	300	Blank
8	Yes	300	300	Blank
9	Yes	300	300	Connect_Charge_t
				o_Inlet_Sample
10	Yes	300	300	Blank
11	Yes	300	300	Blank
12	Yes	300	300	Blank
Run	Included	Charge Flowrate	Set Charge Volum	Post Charge Wash
I TOTAL	111014404	onargo_rrowraco	e	Flowrate
1	Yes	200	800.00	200
2	Yes	200	800.00	200
3	Yes	200	800.00	200
4	Yes	200	800.00	200
5	Yes	200	800.00	200
6	Yes	200	800.00	200
7	Yes	200	800.00	200
8	Yes	200	800.00	200
9				
	Yes	200	800.00	200
	Yes Yes	200	800.00	200
10	Yes	200	800.00	200
10 11	Yes Yes	200 200	800.00	200 200
10 11 12	Yes Yes Yes	200 200 200	800.00 800.00 800.00	200 200 200
10 11	Yes Yes	200 200	800.00	200 200 200 Reduced_Elution_
10 11 12 Run	Yes Yes Yes Included	200 200 200 Elution	800.00 800.00 800.00 Elution_Flowrate	200 200 200 Reduced_Elution_ Flow
10 11 12 Run	Yes Yes Yes Included Yes	200 200 200 Elution	800.00 800.00 800.00 Elution_Flowrate 200	200 200 200 Reduced_Elution_ Flow 150
10 11 12 Run 1	Yes Yes Yes Included Yes Yes	200 200 200 Elution Elution Elution	800.00 800.00 800.00 Elution_Flowrate 200 200	200 200 200 Reduced_Elution_ Flow 150
10 11 12 Run 1 2	Yes Yes Yes Included Yes Yes Yes	200 200 200 Elution Elution Elution Elution	800.00 800.00 800.00 Elution_Flowrate 200 200	200 200 200 Reduced_Elution_ Flow 150 150
10 11 12 Run 1 2 3	Yes Yes Yes Included Yes Yes Yes Yes	200 200 200 Elution Elution Elution Elution Elution Elution	800.00 800.00 800.00 Elution_Flowrate 200 200 200	200 200 200 Reduced_Elution_ Flow 150 150
10 11 12 Run 1 2 3 4 5	Yes Yes Yes Included Yes Yes Yes Yes Yes Yes	200 200 200 Elution Elution Elution Elution Elution Elution Elution	800.00 800.00 800.00 Elution_Flowrate 200 200 200 200 200	200 200 200 Reduced_Elution_ Flow 150 150 150
10 11 12 Run 1 2 3	Yes Yes Yes Included Yes Yes Yes Yes	200 200 200 Elution Elution Elution Elution Elution Elution	800.00 800.00 800.00 Elution_Flowrate 200 200 200	200 200 200 Reduced_Elution_ Flow 150 150

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Method: v001 Scouting Method LB2273 CEX

Flow 150 150 150 150 150 150 150 150  _Bac High_Salt_Wash_F lowrate 300 300 300 300 300
150 150 150 150 150 150 _Bac High_Salt_Wash_F lowrate 300 300
150 150 150 150 2_Bac High_Salt_Wash_F lowrate 300 300 300
150 150 150 Bac High_Salt_Wash_F lowrate 300 300 300
150 150 _Bac High_Salt_Wash_F lowrate 300 300 300
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Method: v001 Scouting Method LB2273 CEX

Run	Included	Blank
5	Yes	Blank
6	Yes	Blank
7	Yes	Blank
8	Yes	Blank
9	Yes	Blank
10	Yes	Blank
11	Yes	Blank
12	Yes	Blank

### Method information

# Signatures

Date:4/2/2025 9:44:49 AM -04:00

Description: This method is locked down for LB2273 CEX phase 1

User name:c304117
Full name:Helen Corbat

Job title: Engineer - BRD Technical Operations

Lock status: The item is locked

## Questions

No. 1: Is QD00305 connected to Inlet Sample?

Question type: Mandatory
Answer type: Multiple choice

No. 2: Is QD00007 connected to Inlet 4?

Question type: Mandatory
Answer type: Multiple choice

No. 3: Is QD00008 connected to Inlet 5?

Question type: Mandatory Answer type: Multiple choice

No. 4: Is QD00346 connected to Inlet 7?

Question type: Mandatory Answer type: Multiple choice

No. 5: Is Outlet Waste directed to AWN?

Question type: Mandatory Answer type: Multiple choice

### Result name and location

Result folder name: /K360PP/1 Campaigns/LB2273/Phase I/CEX

Scouting folder name: LB2273 CEX BR

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