Reported by User: Ethan Peck (epeck)

On Line Review Sign Off Sheet

Acquisition Information

Project: 62405\Biotech

Acquired By: epeck

Date Acquired: 7/17/2020 10:57:48 AM CDT

Channel Name: DAD.0.0

Processed Channel Description: DAD: Signal A, 260 nm/Bw:4 nm

Data Sets and Methods Information

	Name	ID
Sample Set:	62405 APAP GXP658 ELP 17July20	8723
Result Set:	62405 APAP GXP658 ELP 17July20	8808
Instrument Method:	62405 APAP GXP658 ELP 16July20	8716
Processing Method:	62405 APAP ELP 20July2020	8807

7/20/2020 3:04:13 PM CDT

Report Method:

Date Processed:

Sign-Off Information

Sign-Off Names Sign-Off Dates Sign-Off IDs

Sign-Off Result IDs

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:18 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

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Reported by User: Ethan Peck (epeck)

Injection Summary

Acquired By: epeck Sample Set ID

Sample Set: 62405 APAP GXP658 ELP 17July20 8723

Starting Date of Acquisition: 7/17/2020 10:57:48 AM CDT
Starting Date of Processing: 7/20/2020 3:04:13 PM CDT

Processed Channel Description: DAD: Signal A, 260 nm/Bw:4 nm

Channel Name: DAD.0.0

EQIL-DIL	1	1	8812	8809	2.009	18651	
EQIL-DIL	1	1	8812	8809	2.710		Acetaminophen
EQIL-DIL	1	1	8812	8809	4.524	328991	
EQIL-DIL	1	1	8812	8809	6.980		Caffeine
EQIL-Std C	3	1	8813	8809	2.636	1849357	Acetaminophen
EQIL-Std C	3	1	8813	8809	6.711	1436633	Caffeine
15July2020-APAP-Dil	1	1	8814	8809	2.710		Acetaminophen
15July2020-APAP-Dil	1	1	8814	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	1	8815	8809	2.639	1834744	Acetaminophen
15July2020-ELP-Std-D	2	1	8815	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	2	8816	8809	2.640	1838018	Acetaminophen
15July2020-ELP-Std-D	2	2	8816	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	3	8817	8809	2.641	1850463	Acetaminophen
15July2020-ELP-Std-D	2	3	8817	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	4	8818	8809	2.639	1846307	Acetaminophen
15July2020-ELP-Std-D	2	4	8818	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	5	8819	8809	2.641	1848191	Acetaminophen
15July2020-ELP-Std-D	2	5	8819	8809	6.980		Caffeine
15July2020-ELP-Res Std-C	3	1	8820	8809	2.642	1852375	Acetaminophen
15July2020-ELP-Res Std-C	3	1	8820	8809	6.739	1432583	Caffeine
15July2020-APAP-Dil	1	1	8821	8809	2.710		Acetaminophen
15July2020-APAP-Dil	1	1	8821	8809	6.980	·	Caffeine

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16July2020-ELP-Lin Std-F	5	1	8822	8809	2.644	1271745	Acetaminophen
16July2020-ELP-Lin Std-F	5	1	8822	8809	6.980		Caffeine
16July2020-ELP-Lin Std-G	6	1	8823	8809	2.645	1452417	Acetaminophen
16July2020-ELP-Lin Std-G	6	1	8823	8809	6.980		Caffeine
16July2020-ELP-Lin Std-H	7	1	8824	8809	2.645	1632341	Acetaminophen
16July2020-ELP-Lin Std-H	7	1	8824	8809	6.980		Caffeine
16July2020-ELP-Lin Std-I	8	1	8825	8809	2.646	1819894	Acetaminophen
16July2020-ELP-Lin Std-I	8	1	8825	8809	6.980		Caffeine
16July2020-ELP-Lin Std-J	9	1	8826	8809	2.648	2165908	Acetaminophen
16July2020-ELP-Lin Std-J	9	1	8826	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	1	8827	8809	2.649	1844622	Acetaminophen
15July2020-ELP-Std-D	2	1	8827	8809	6.980		Caffeine
15July2020-ELP-ASRDP-1	10	1	8828	8809	2.650	1791390	Acetaminophen
15July2020-ELP-ASRDP-1	10	1	8828	8809	6.980		Caffeine
15July2020-ELP-ASRDP-2	11	1	8829	8809	2.650	1817229	Acetaminophen
15July2020-ELP-ASRDP-2	11	1	8829	8809	6.980		Caffeine
15July2020-ELP-ASRDP-3	12	1	8830	8809	2.651	1820151	Acetaminophen
15July2020-ELP-ASRDP-3	12	1	8830	8809	6.980		Caffeine
15July2020-ELP-ASRDP-4	13	1	8831	8809	2.652	1802050	Acetaminophen
15July2020-ELP-ASRDP-4	13	1	8831	8809	6.980		Caffeine
15July2020-ELP-ASRDP-5	14	1	8832	8809	2.653	1806552	Acetaminophen
15July2020-ELP-ASRDP-5	14	1	8832	8809	6.980		Caffeine
15July2020-ELP-Std-D	2	1	8833	8809	2.656	1848610	Acetaminophen
15July2020-ELP-Std-D	2	1	8833	8809	6.980		Caffeine

1.636457	6067.469371	

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

5.710752	10649.344279	20.978418
1.638720	6112.402685	
1.639632	6129.989727	
1.640568	6150.611247	
1.639049	6144.581833	
1.641037	6126.082611	
1 (40140	(140.017010	
1.642143	6149.217912	21.175(42
5.738720	10775.570163	21.175643
1.644316	6123.685757	
1.011310	0123.003737	
1.644977	6131.205989	
1.645234	6137.224008	
1.646455	6181.290641	
1.647665	6142.224104	
1.648723	6201.716297	
1.649655	6157.634511	

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1.650219	6156.354240	
1.651279	6132.840829	
1.652418	6171.769380	
1.652880	6173.951709	
1.655980	6143.224639	

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: EQIL-DIL
Sample Set: 62405 APAP GXP658 ELP 17July20
Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 10:57:48 AM CDT

Processing Method: 62405 APAP ELP 20July2020

Date Processed: 7/20/2020 3:04:13 PM CDT

Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

Channel Name: DAD.0.0

Result ID: 8812
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8725

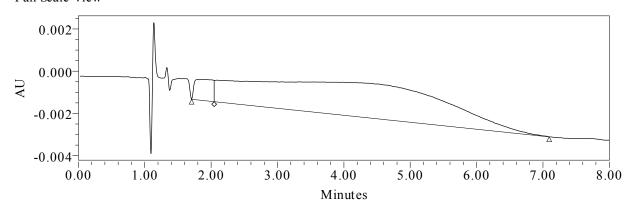
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

1

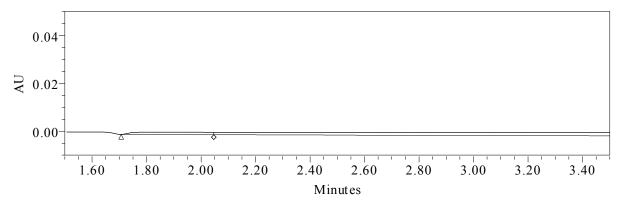
1

Vial: Injection #:

Full Scale View



Zoomed View



18651	2.01
328991	4.52

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: EQIL-Std C
Sample Set: 62405 APAP GXP658 ELP 17July20
Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 11:08:00 AM CDT
Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:14 PM CDT
Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

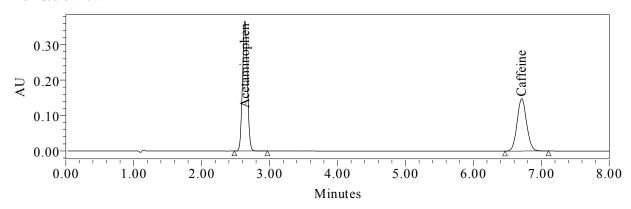
Channel Name: DAD.0.0

Result ID: 8813
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8728

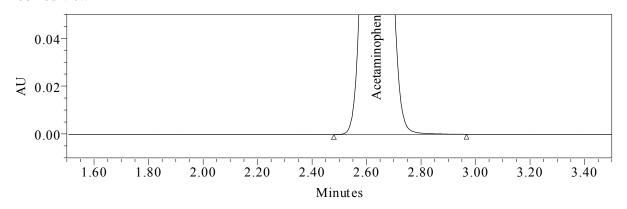
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 3 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1849357	2.64	1.0	
Caffeine	1436633	6.71	1.1	2.060302e+001

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-APAP-Dil Sample Set: 62405 APAP GXP658 ELP 17July20 Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 11:18:11 AM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:14 PM CDT Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

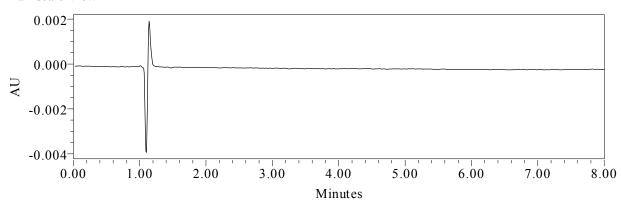
Channel Name: DAD.0.0

8814 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8731

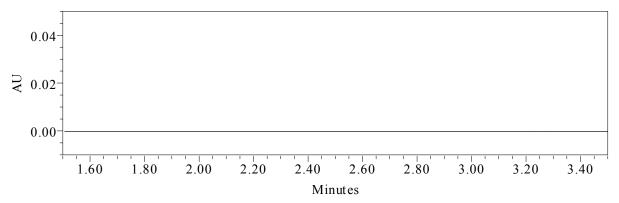
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: Injection #: 1

Full Scale View



Zoomed View



Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 11:28:22 AM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:15 PM CDT

Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm Channel Name:

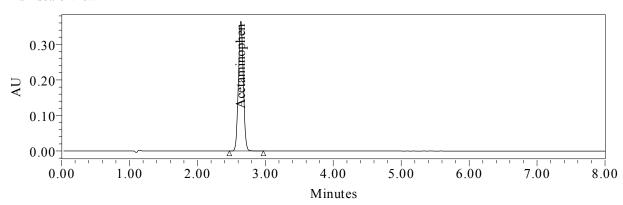
DAD.0.0

8815 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8734

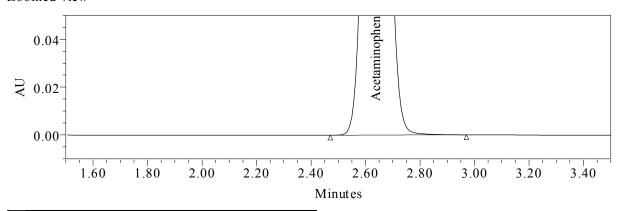
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 2 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1834744	2.64	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 11:38:19 AM CDT
Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:15 PM CDT

Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

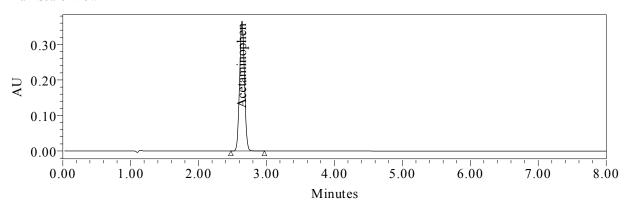
Channel Name: DAD.0.0

Result ID: 8816
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8736

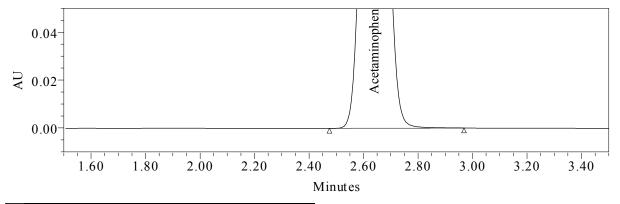
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 2 Injection #: 2

Full Scale View



Zoomed View



Acetaminophen	1838018	2.64	1.0

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Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

 Date Acquired:
 7/17/2020 11:48:16 AM CDT

 Processing Method:
 62405 APAP ELP 20July2020

 Date Processed:
 7/20/2020 3:04:16 PM CDT

Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

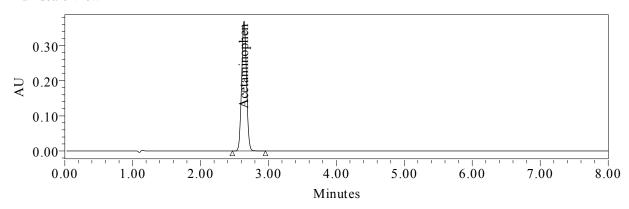
Channel Name: DAD.0.0

Result ID: 8817
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8738

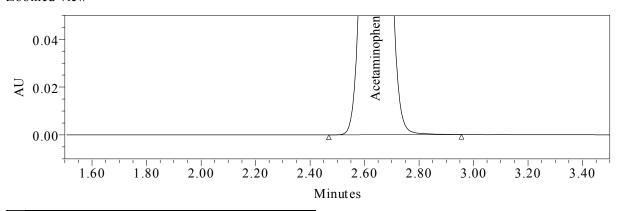
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 2 Injection #: 3

Full Scale View



Zoomed View



Acetaminophen	1850463	2.64	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D
Sample Set: 62405 APAP GXP658 ELP 17July20
Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By:

epeck

Date Acquired: Processing Method:

Date Processed:

7/17/2020 11:58:13 AM CDT 62405 APAP ELP 20July2020 7/20/2020 3:04:16 PM CDT DAD: Signal A, 260 nm/Bw:4 nm

Proc. Channel Descr.: Channel Name:

DAD.0.0

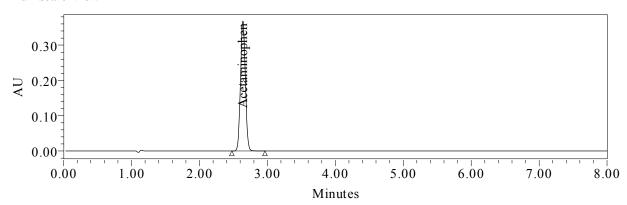
Result ID: 8818
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809

Calibration ID: 8809 Injection ID: 8740

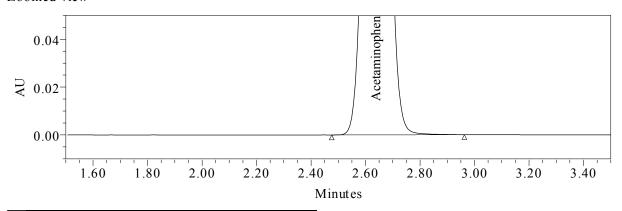
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 2 Injection #: 4

Full Scale View



Zoomed View



Acetaminophen	1846307	2.64	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D Sample Set: 62405 APAP GXP658 ELP 17July20 62405 APAP GXP658 ELP 16July20

Instrument Method: Acquired By:

epeck

Date Acquired: Processing Method:

Date Processed:

7/17/2020 12:08:10 PM CDT 62405 APAP ELP 20July2020 7/20/2020 3:04:16 PM CDT

Proc. Channel Descr.: Channel Name:

DAD: Signal A, 260 nm/Bw:4 nm

DAD.0.0

Result ID:

Instrument Method ID: 8716 Processing Method ID: 8807

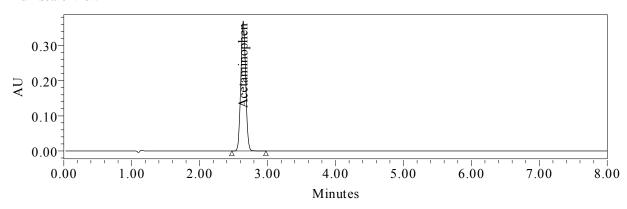
Calibration ID: 8809 Injection ID: 8742

Run Time: 8.0 Minutes Injection Volume: 10.00 ul

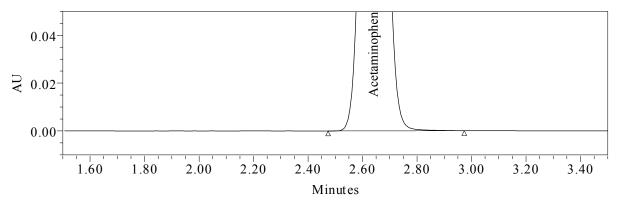
8819

Vial: 2 5 Injection #:

Full Scale View



Zoomed View



Acetaminophen	1848191	2.64	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Res Std-C Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 12:18:20 PM CDT
Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:17 PM CDT

Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

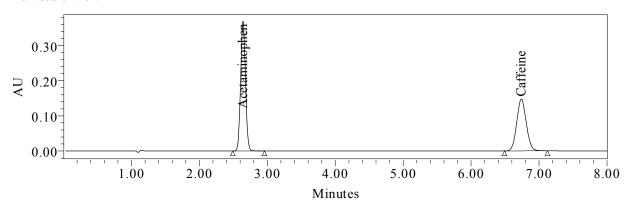
Channel Name: DAD.0.0

Result ID: 8820
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8745

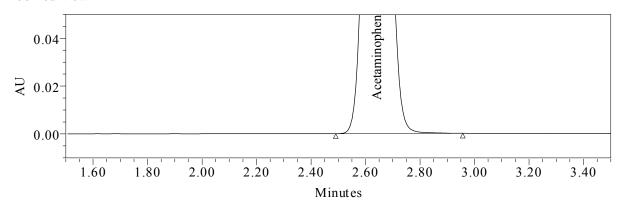
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 3 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1852375	2.64	1.0	
Caffeine	1432583	6.74	1.1	2.077154e+001

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-APAP-Dil Sample Set: 62405 APAP GXP658 ELP 17July20 Instrument Method: 62405 APAP GXP658 ELP 16July20 Acquired By:

epeck

Date Acquired: 7/17/2020 12:28:26 PM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:17 PM CDT Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

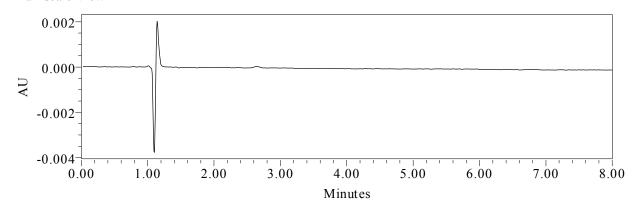
Channel Name: DAD.0.0

Result ID: 8821 Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8748

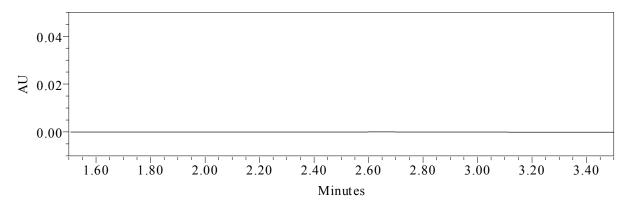
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: Injection #: 1

Full Scale View



Zoomed View



Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

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Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 16July2020-ELP-Lin Std-F Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 12:38:35 PM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:17 PM CDT

Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm Channel Name:

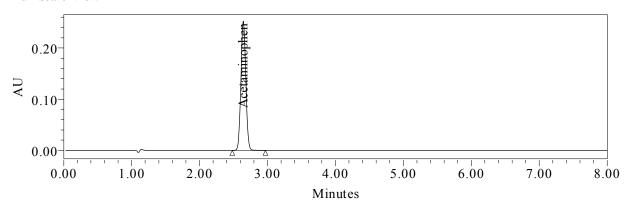
DAD.0.0

8822 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8751

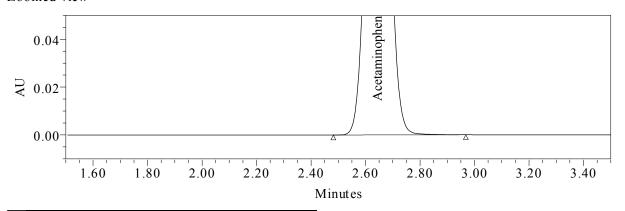
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 5 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1271745	2.64	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 16July2020-ELP-Lin Std-G
Sample Set: 62405 APAP GXP658 ELP 17July20
Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

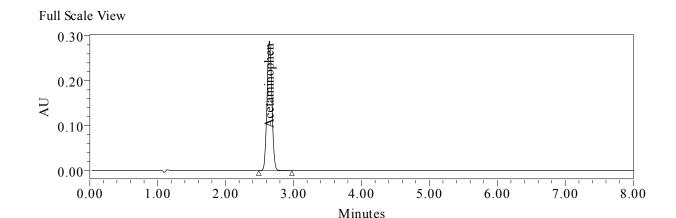
Date Acquired: 7/17/2020 12:48:41 PM CDT
Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:18 PM CDT
Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

Channel Name: DAD.0.0

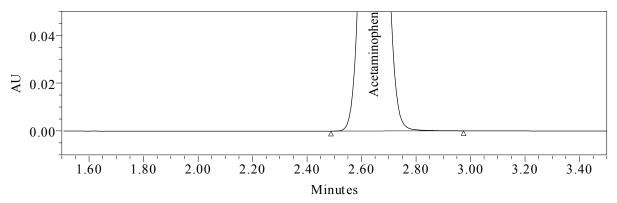
Result ID: 8823
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8754
Pun Time: 8 0 Minu

Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 6 Injection #: 1



Zoomed View



Acetaminophen	1452417	2.64	1.0

Project Name: 62405\Biotech

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Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 16July2020-ELP-Lin Std-H Sample Set: 62405 APAP GXP658 ELP 17July20 Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By:

epeck

Date Acquired: Processing Method:

Date Processed:

7/17/2020 12:58:52 PM CDT 62405 APAP ELP 20July2020 7/20/2020 3:04:18 PM CDT

Proc. Channel Descr.: Channel Name:

DAD: Signal A, 260 nm/Bw:4 nm

DAD.0.0

Result ID:

Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809

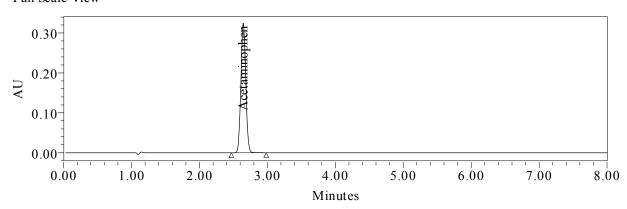
Injection ID: 8757

Run Time: 8.0 Minutes Injection Volume: 10.00 ul

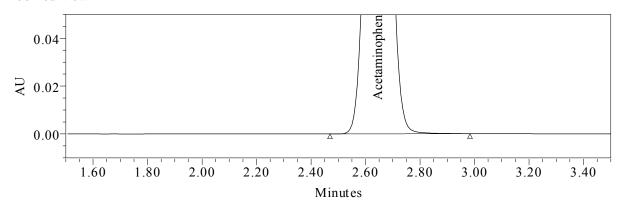
8824

Vial: 7 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1632341	2.65	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 16July2020-ELP-Lin Std-I Sample Set: 62405 APAP GXP658 ELP 17July20 Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 1:09:02 PM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:19 PM CDT Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

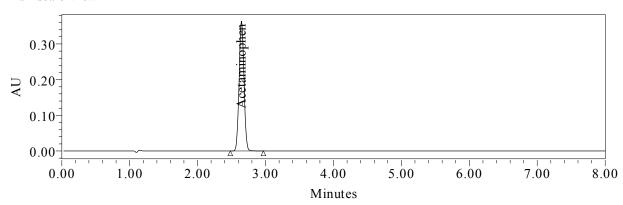
Channel Name: DAD.0.0

8825 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8760

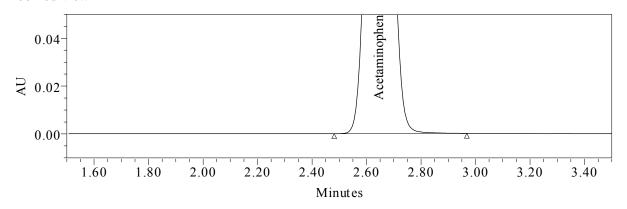
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 8 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1819894	2.65	1.0

Page: 19 of 45

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 16July2020-ELP-Lin Std-J Sample Set: 62405 APAP GXP658 ELP 17July20 Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 1:19:15 PM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:19 PM CDT

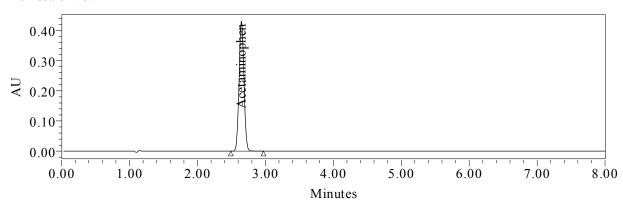
Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm Channel Name: DAD.0.0

8826 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8763

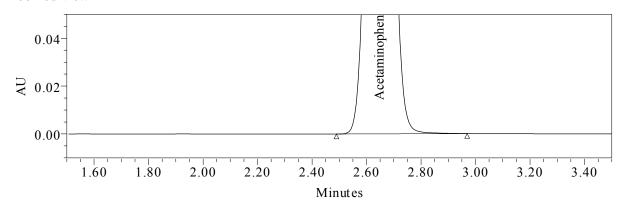
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	2165908	2.65	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D
Sample Set: 62405 APAP GXP658 ELP 17July20
Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 1:29:23 PM CDT

Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:19 PM CDT
Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

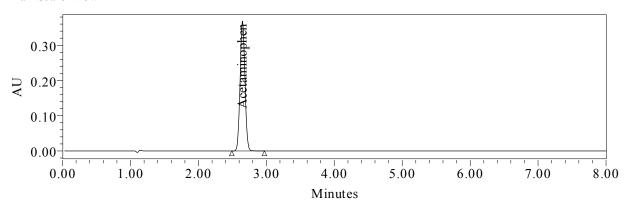
Channel Name: DAD.0.0

Result ID: 8827
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8766

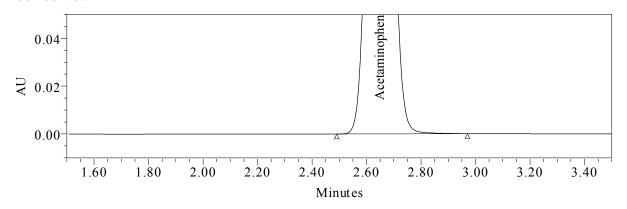
Run Time: 8.0 Minutes Injection Volume: 10.00 ul

Vial: 2 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1844622	2.65	1.0

Page: 21 of 45

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-ASRDP-1 Sample Set: 62405 APAP GXP658 ELP 17July20 Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By:

epeck Date Acquired: 7/17/2020 1:39:37 PM CDT

Processing Method: 62405 APAP ELP 20July2020 7/20/2020 3:04:20 PM CDT Date Processed: Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

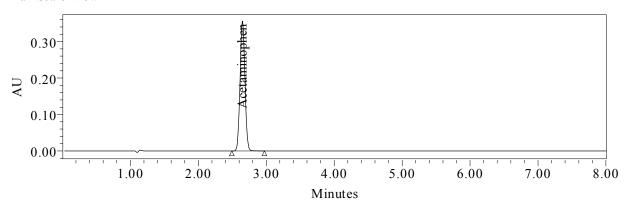
Channel Name: DAD.0.0

8828 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8769

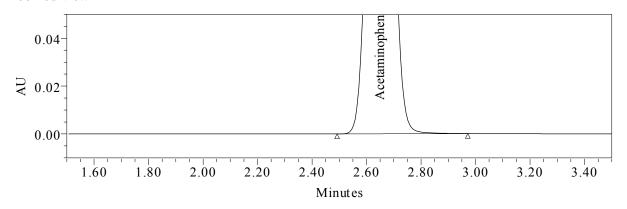
Run Time: 8.0 Minutes 10.00 ul Injection Volume: 10

Vial: Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1791390	2.65	1.0

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Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-ASRDP-2 Sample Set: 62405 APAP GXP658 ELP 17July20 62405 APAP GXP658 ELP 16July20

Instrument Method:

Acquired By: epeck

Date Acquired: 7/17/2020 1:49:42 PM CDT Processing Method: 62405 APAP ELP 20July2020 Date Processed: 7/20/2020 3:04:20 PM CDT Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

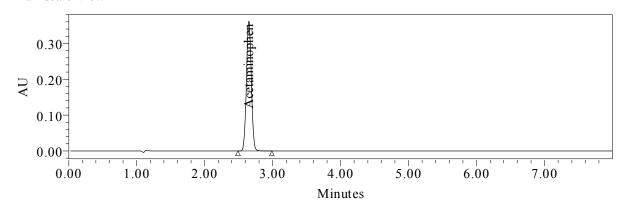
Channel Name: DAD.0.0

8829 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8772

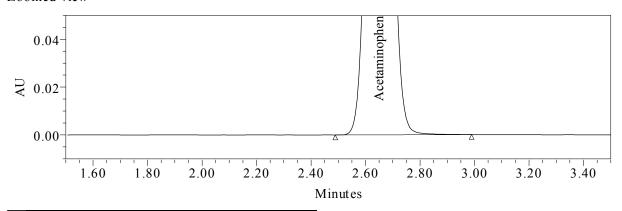
Run Time: 8.0 Minutes Injection Volume: 10.00 ul 11

Vial: Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1817229	2.65	1.0

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-ASRDP-3 Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 1:59:50 PM CDT Processing Method: 62405 APAP ELP 20July2020 7/20/2020 3:04:21 PM CDT Date Processed: Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

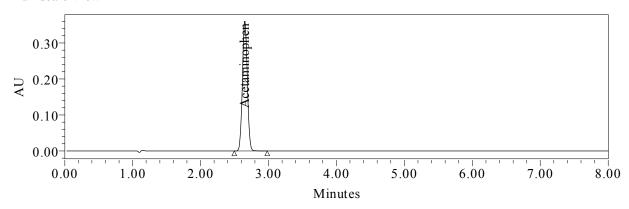
Channel Name: DAD.0.0

8830 Result ID: Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809 Injection ID: 8775

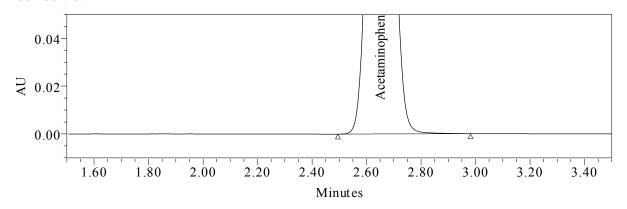
Run Time: 8.0 Minutes Injection Volume: 10.00 ul Vial: 12

Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1820151	2.65	1.0

Page: 24 of 45

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-ASRDP-4
Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 2:09:59 PM CDT
Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:21 PM CDT
Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

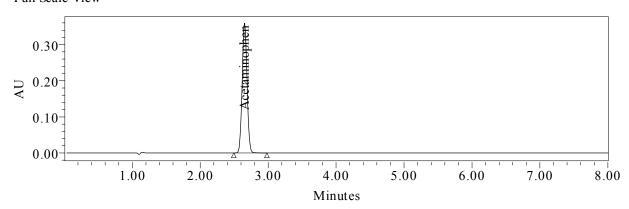
Channel Name: DAD.0.0

Result ID: 8831
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8778

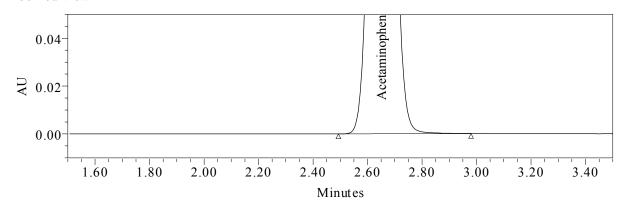
Run Time: 8.0 Minutes Injection Volume: 10.00 ul Vial: 13

Vial: 13 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1802050	2.65	1.0

Page: 25 of 45

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-ASRDP-5
Sample Set: 62405 APAP GXP658 ELP 17July20

Instrument Method: 62405 APAP GXP658 ELP 16July20

Acquired By: epeck

Date Acquired: 7/17/2020 2:20:09 PM CDT
Processing Method: 62405 APAP ELP 20July2020
Date Processed: 7/20/2020 3:04:22 PM CDT
Proc. Channel Descr.: DAD: Signal A, 260 nm/Bw:4 nm

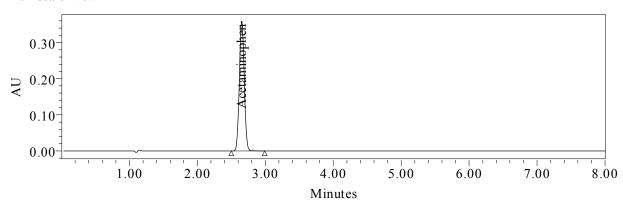
Channel Name: DAD.0.0

Result ID: 8832
Instrument Method ID: 8716
Processing Method ID: 8807
Calibration ID: 8809
Injection ID: 8781

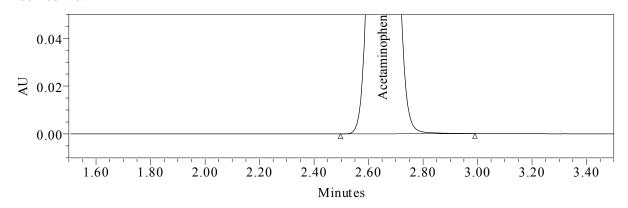
Run Time: 8.0 Minutes
Injection Volume: 10.00 ul

Vial: 14 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1806552	2.65	1.0

Page: 26 of 45

Reported by User: Ethan Peck (epeck)

Sample Information

Sample Name: 15July2020-ELP-Std-D Sample Set: 62405 APAP GXP658 ELP 17July20 62405 APAP GXP658 ELP 16July20

Instrument Method:

epeck

Acquired By: Date Acquired:

Processing Method:

Date Processed:

7/17/2020 2:30:21 PM CDT 62405 APAP ELP 20July2020 7/20/2020 3:04:22 PM CDT DAD: Signal A, 260 nm/Bw:4 nm

Proc. Channel Descr.: Channel Name:

DAD.0.0

Result ID:

Instrument Method ID: 8716 Processing Method ID: 8807 Calibration ID: 8809

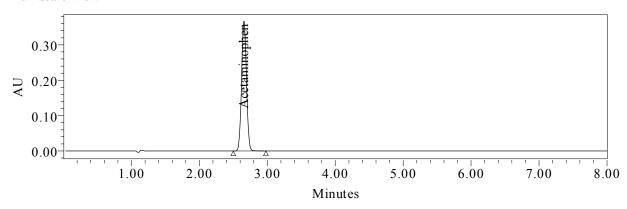
8833

Injection ID: 8784 Run Time:

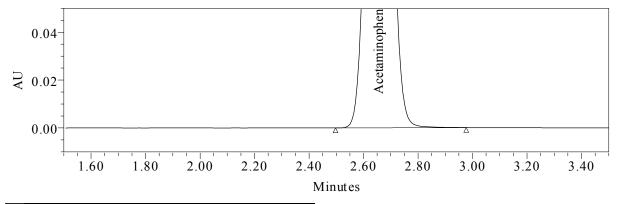
8.0 Minutes Injection Volume: 10.00 ul

Vial: 2 Injection #: 1

Full Scale View



Zoomed View



Acetaminophen	1848610	2.66	1.0

Result Set Name: 62405 APAP GXP658 ELP 17July20

Reported by User: Ethan Peck (epeck)

Sample Set Method: 62405 APAP GXP658 ELP 16July20

Stored: 7/20/2020 2:53:28 PM CDT

Method Information

Method Comments

Method Modified User epeck
Method Locked No
Method Id 8806

Old Id

Method Version 4

Method Edit User

Source S/W Info Empow er 3 Softw are Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB

ID: 2567487186

Sample Set Table

		Sample Set Tab	<u>e</u>			 	
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		1	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		3	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		1	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		2	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		3	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		1	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		5	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		6	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		7	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		8	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		9	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		2	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		10	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		11	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		12	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		13	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		14	Unknown	No)
Inject Samples	Normal	62405 APAP GXP658 ELP 16July20		2	Unknown	No)

Sample Set Table

Acq	uiring samples	No	No		1.0000		
Acq	uiring samples	No	No		1.0000		
Acq	uiring samples	No	No		1.0000		
Acq	uiring samples	No	No		500.0000	·	
Acq	uiring samples	No	No		1.0000		

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020 Page: 28 of 45

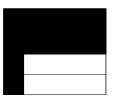
Reported by User: Ethan Peck (epeck)

Sample Set Table

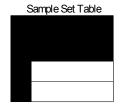
		Oai	ripre secrat	ЛС		
Acquiring samples	No	No			1.0000	
Acquiring samples	No	No			1428.5714	
Acquiring samples	No	No			1250.0000	
Acquiring samples	No	No			1111.1111	
Acquiring samples	No	No			1000.0000	
Acquiring samples	No	No			833.3333	
Acquiring samples	No	No			500.0000	
Acquiring samples	No	No			500.0000	
Acquiring samples	No	No			500.0000	
Acquiring samples	No	No			500.0000	
Acquiring samples	No	No			500.0000	
Acquiring samples	No	No			500.0000	
Acquiring samples	No	No			500.0000	

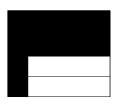
Sample Set Table

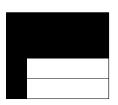
			Oampic O	00.000				
EQIL-DIL	1.0000	1	8.00	0.00	0.00	10.0		
EQIL-Std C	1.0000	1	8.00	0.00	0.00	10.0		
15July2020-APAP-Dil	1.0000	1	8.00	0.00	0.00	10.0		
15July2020-ELP-Std-D	50.7800	5	8.00	0.00	0.00	10.0		
15July2020-ELP-Res Std-C	1.0000	1	8.00	0.00	0.00	10.0		
15July2020-APAP-Dil	1.0000	1	8.00	0.00	0.00	10.0		
16July2020-ELP-Lin Std-F	100.7600	1	8.00	0.00	0.00	10.0		
16July2020-ELP-Lin Std-G	100.7600	1	8.00	0.00	0.00	10.0		
16July2020-ELP-Lin Std-H	100.7600	1	8.00	0.00	0.00	10.0		
16July2020-ELP-Lin Std-I	100.7600	1	8.00	0.00	0.00	10.0		
16July2020-ELP-Lin Std-J	100.7600	1	8.00	0.00	0.00	10.0		
15July2020-ELP-Std-D	50.7800	1	8.00	0.00	0.00	10.0		
15July2020-ELP-ASRDP-1	55.2600	1	8.00	0.00	0.00	10.0		
15July2020-ELP-ASRDP-2	56.4600	1	8.00	0.00	0.00	10.0		
15July2020-ELP-ASRDP-3	56.3500	1	8.00	0.00	0.00	10.0		
15July2020-ELP-ASRDP-4	55.7400	1	8.00	0.00	0.00	10.0		
15July2020-ELP-ASRDP-5	55.9000	1	8.00	0.00	0.00	10.0		
15July2020-ELP-Std-D	50.7800	1	8.00	0.00	0.00	10.0		











Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Sample Set Table



Vial Amounts for Vial 1, Sample Name: EQIL-DIL

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 3, Sample Name: EQIL-Std C

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 1, Sample Name: 15July2020-APAP-Dil

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 2, Sample Name: 15July2020-ELP-Std-D

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 3, Sample Name: 15July2020-ELP-Res Std-C

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 1, Sample Name: 15July2020-APAP-Dil

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 5, Sample Name: 16July2020-ELP-Lin Std-F

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 6, Sample Name: 16July2020-ELP-Lin Std-G

		_	
		1	
A4!I	4 000000	400 000	
Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 7, Sample Name: 16July2020-ELP-Lin Strl-H

		•	
Acetaminophen	1.000000	100.300	

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Vial Amounts for Vial 8, Sample Name: 16July2020-ELP-Lin

Sta-i			
	4 000000	400.000	
Acetaminophen	1.000000	100.300	
•			

Vial Amounts for Vial 9, Sample Name: 16July2020-ELP-Lin Std-J

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 2, Sample Name: 15Julv2020-ELP-Std-D

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 10, Sample Name: 15July2020-ELP-ASRDP-1

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 11, Sample Name: 15July2020-ELP-ASRDP-2

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 12, Sample Name: 15July2020-ELP-ASRDP-3

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 13, Sample Name: 15July2020-ELP-ASRDP-4

Acetaminophen	1.000000	100.300	

Vial Amounts for Vial 14, Sample Name: 15July2020-ELP-ASRDP-5

100	a. <u>y</u> _o_o	7101101	
Acetaminophen	1 1 000000 1	100.300	
7 toctair in toprici	1.000000	100.000	

Vial Amounts for Vial 2, Sample Name: 15July2020-ELP-Std-D

Acetaminophen	1.000000	100.300	

Revision History

Version 4 7/20/2020 2:53:28 PM CDT User epeck

Version 3 7/17/2020 10:56:02 AM CDT User epeck

Version 2 7/16/2020 4:18:36 PM CDT User epeck

Version 1 7/16/2020 2:47:06 PM CDT User epeck

New Sample Set Method

Created method '62405 APAP GXP658 ELP 16July 20'.

Entered sample_standard weights and APAP purity

New Sample Set Method

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User
1	62405 APAP GXP658 ELP 16July20	Sample Set		7/20/2020 2:53:28 PM CDT	epeck
2	62405 APAP GXP658 ELP 16July20	Sample Set		7/17/2020 10:56:02 AM CDT	epeck

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Project Name: 62405\Biotech

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Reported by User: Ethan Peck (epeck)

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User
3	62405 APAP GXP658 ELP 16July20	Sample Set		7/16/2020 4:18:36 PM CDT	epeck
4	62405 APAP GXP658 ELP 16July20	Sample Set		7/16/2020 2:47:06 PM CDT	epeck

Method Version Summaries

	Method Locked	Method Id	Old Id	Method Version
1	No	8806		4
2	No	8722		3
3	No	8719		2
4	No	8717		1

Method Version Summaries

	Source S/W Info
1	Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186
2	Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186
3	Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186
4	Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020 Project Name: 62405\Biotech

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Reported by User: Ethan Peck (epeck)

Processing Method: 62405 APAP ELP 20July2020

Type: LC Stored: 7/20/2020 3:03:14 PM CDT

Method Information

Method Comments

Method Modified UserepeckMethod LockedNoMethod Id8807

Old Id

Method Version 2

Method Edit User

Source S/W Info Empow er 3 Softw are

Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186

Integration Algorithm ApexTrack

Search Depth 3 Retention Time Presearch No RT Presearch Window 10.0 Start Mass Limit (m/z)End Mass Limit (m/z)PBM Search Mode Pure **Duplicate Spectra** No PBM Reference Sets SET1

Search Threshold 50.000(%)
Noise Baseline (min)
Peak Separation 1.0000(Da)

Baseline Multiplier 1.000
Spectra To Average 5

Noise Threshold 0.000(%)

Combine Type Average

Expected Mass Peak Separation 1.00(Da)

Expected Mass Calculation Type None Include the uncorrected Target or Base Mass in the list of expected masses No

Expected Mass Base Value 100.00(Da)
Expected Mass Base Intensity 80.0(%)

Centroid Center Type Centroid Top(%)

Centroid Top (%) 80.00
Centroid Intensity Heights
Min. Peak Width at Half-Height 0.500(Da)
Smoothing Type None
Average By None

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Include Internal Standard Amounts in Amount Calculation

Yes

Vial/Default Value Type

Amount

RT Reference Used to Name Unnamed Peaks by RRT

System Suitability Information

Void Volume Time 1.000(min) Calculate Suitability Yes Flag Outside Yes Calculate Unknowns No Pharmacopoeia ΑII Tangent Percent (USP Plate Count) 61 Tangent Percent (USP Resolution) 50 Yes Calculate USP, EP, and JP s/n Use noise centered on peak region in blank injection Yes Half Height Multiplier for USPs/n Noise Region 5 Half Height Multiplier for EPs/n Noise Region 5 Half Height Multiplier for JPs/n Noise Region 20

Noise Value for s/n Average

Peak to Peak

Noise

% Runtime 5.0

Maximum Noise Maximum Drift

Baseline Noise Minimum 30 Seconds

Baseline Start (min)
Baseline End (min)
Calculate Peak Statistical Moments No

Integration Parameters

 $\begin{array}{lll} \hline{\mbox{Minimum Area}} & 2000(\mu\mbox{V*sec}) & \mbox{Liftoff }\% & 0.000(\%) \\ \hline{\mbox{Minimum Height}} & 1000(\mu\mbox{V}) & \mbox{Touchdow n }\% & 0.200(\%) \\ \hline{\mbox{Integration Start}} & 1.500(\mbox{min}) & \end{array}$

Integration Start 1.500(min)
Integration End 8.000(min)
Peak Width 100.00(sec)
Detection Threshold 1.000e+002(μV)

Integration Events

	Time (min)	Туре	Value	Stop (min)
1	6.000	Set Maximum Width (sec)	100.000	
2	6.000	Set Detection Threshold	30.000	
3	6.000	Set Liftoff %	5.000	
4	6.000	Set Touchdown %	0.500	

Component Table

	Name	Component Type	PeakLabel	Retention Time (min)	RT Window (min)	Peak Match	Calculate Suit Results
1	Acetaminophen	Main Component		2.710	0.136	Closest	Yes
2	Caffeine	Main Component		6.980	0.349	Closest	Yes

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Component Table

	Flag Outside Limits	3D Channel Name (Description)	Channel	Y Value	X Value	Fit	Weighting	Internal Std	RT Reference
1	Yes			Area	Amount	Linear	None		
2	Yes			Area	Amount	Linear	None		

Component Table

	Rel RT Reference	RRT	Rel Resol Reference	Curve Reference	Relative Response	Impurity RRF	Must	Default Pk	Default Pk Start (min)	Default Pk End (min)	Default Units	Туре
1					1.000000	1.0000	No	No				Single
2					1.000000	1.0000	No	No				Single

Component Table

	Impurity Type	CCompRef1	CCompRef2	CCompRef3	CConst1	CConst2	CConst3	CConst4	CConst5	CConst6	CConst7
1											
2											

Processing Methods 'Name Groups' table contains no data.

Processing Methods 'Time Groups' table contains no data.

Processing Methods 'Suit Limits-'Acetaminophen'' table contains no data.

Processing Methods 'Relative Limits-'Acetaminophen' table contains no data

Processing Methods 'Def Amts-'Acetaminophen'' table contains no data.

Processing Methods 'Suit Limits-'Caffeine'' table contains no data.

Processing Methods 'Relative Limits-'Caffeine' table contains no data

Processing Methods 'Def Amts-'Caffeine'' table contains no data.

Processing Methods 'Primary Peaks (Primary MS lons)' table contains no data

Noise and Drift Parameters

Calculate Detector Noise and Drift Yes

Detector Noise and Drift Start Time 4.000(Minutes) 5.000(Minutes) Detector Noise and Drift End Time

Detector Noise and Drift Segment Width 60(sec)

Concentration Smoothing/Offset Parameters

Time Offset 0.000(Minutes)

Smoothing Type None Smoothing Level None

Empty parameters supersede the derived channel's smoothing and offset parameters No

Impurity Parameters

Calculate Total Impurities No Qualification Threshold Impurity Response Total Impurities Threshold w Value Maximum Impurity Threshold

Main Component

Reporting Threshold 0.05

Identification Threshold

Result Set ID: 8808 Result Set Name: 62405 APAP GXP658 ELP 17July20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set ID: 8723 Report Method ID: 8835 Report Method Name: 62405 APAP ELP 20July 2020

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Printed: 7/21/2020 8:45:17 AM US/Central Project Name: 62405\Biotech

Reported by User: Ethan Peck (epeck)

Excluded Component Types

Internal Standard Peaks

Revision History

Version 2 7/20/2020 3:03:14 PM CDT User epeck Optimizing integration of peaks

Version 1 7/20/2020 2:26:31 PM CDT User epeck Created method '62405 APAP ELP 20July 2020'. New

Processing Method

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User	Method Locked
1	62405 APAP ELP 20July2020	Processing		7/20/2020 3:03:14 PM CDT	epeck	No
2	62405 APAP ELP 20July2020	Processing		7/20/2020 2:26:31 PM CDT	epeck	No

Method Version Summaries

	Method Id	Old Id	Method Version	Source S/W Info
1	8807		2	Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186
2	8787		1	Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020 Page: 36 of 45

Reported by User: Ethan Peck (epeck)

Instrument Method: 62405 APAP GXP658 ELP 16July20

Stored: 7/16/2020 2:45:12 PM CDT

Method Information

Method Comments

Method Modified User epeck
Method Locked No
Method Id 8716

Old Id

Method Version 1

Method Edit User

Source S/W Info Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB

ID: 2567487186

AgilentLC Instrument Setup

Binary Pump G1312A

Flow 1.300 (mL/min)
Low Pressure Limit 0.00 (bar)
High Pressure Limit 400.00 (bar)
Maximum Flow Gradient 100.000 (mL/min²)

Solvent Composition

	Channel	Name 1	Name 2	Selected	Used	Percent (%)
1	Α	80:20 MeOH:10mM NH4OAc pH5		Ch. 1	Yes	100.0
2	В			Ch. 1	No	

Binary Pump - Pump0 - Stroke A

Automatic Stroke Calculation A Yes

Binary Pump - Pump0 - Stroke B

Automatic Stroke Calculation B Yes

Binary Pump - Pump0 - Compress A

Compressibility Mode A Compressibility Value Set

Compressibility A 50 (10e-6/bar)

Binary Pump - Pump0 - Compress B

Compressibility Mode B Compressibility Value Set

Compressibility B 115 (10e-6/bar)

Binary Pump - Pump0 - Stop Time

Stoptime Mode No limit

Binary Pump - Pump0 - Post Time

Posttime Mode Off

Sampler G1329A

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

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Reported by User: Ethan Peck (epeck)

Sampler - Sampler0 - Auxiliary

Draw Speed200 (μL/min)Eject Speed200 (μL/min)Draw Position Offset0.0 (mm)

Sampler - Sampler0 - Injection

Injection Mode Injection with needle wash

Injection Volume 10.00 (µL)

Sampler - Injection - Needle Wash

Needle Wash Location Wash Vial Wash Location Vial 91

Sampler - Sampler0 - High throughput

Sampler - High throughput - Overlapped Injection

Enable Overlapped Injection No

Sampler - Sampler0 - Thermostat

Not Ready Temperature Mode Enable Analysis Within Temperature Range

Thermostat Control Turned Off

Sampler - Sampler0 - Stop Time

Stoptime Mode As pump/No limit

Sampler - Sampler0 - Post Time

Posttime Mode Off

Sampler - Sampler0 - External Contacts

Contact A Open

Contact B Open

Contact C Open

Contact D Open

Sampler - Sampler0 - Timetable

Column Comp. G1316A

Valve Position Position 1 (Port 1 -> 2)

Column Comp. - Column Comp. 0 - Left Temperature Control

Temperature Control Mode Temperature Set

Temperature 30.0 (°C)

Column Comp. - Left Temperature Control - Enable Analysis Left Temperature

Enable Analysis Left Temperature On Yes

Enable Analysis Left Temperature Value 1.0 (°C)

Column Comp. - Column Comp.0 - Right Temperature Control

Right temperature Control Mode Temperature Set

Right temperature 30.0 (°C)

Column Comp. - Right Temperature Control - Enable Analysis Right Temperature

Enable Analysis Right Temperature On Yes

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

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Enable Analysis Right Temperature Value 1.0 (°C)

Column Comp. - Column Comp. 0 - Stop Time

Stoptime Mode As pump/injector

Column Comp. - Column Comp. 0 - Post Time

Posttime Mode Off

Column Comp. - Column Comp. 0 - Timetable

DAD G1315A

Peakw idth > 0.1 min (2 s response time) (2.5 Hz)

Slit UV Lamp Required Yes Vis Lamp Required Yes

DAD - DAD0 - Analog Output 1

Analog 1 Zero Offset 5 (%)

Analog 1 Attenuation 1000 (mAU)

DAD - DAD0 - Analog Output 2

Analog 2 Zero Offset 5 (%)

Analog 2 Attenuation 1000 (mAU)

DAD - DAD0 - Signals

Signal table-DAD0

	Acquire	Signal	Wavelength (nm)	Bandwidth (nm)	Use Ref.
1	Yes	Signal A	260	4	No
2	No	Signal B			
3	No	Signal C			
4	No	Signal D			
5	No	Signal E			

DAD - DAD0 - Prepare Mode

Margin for negative Absorbance 100 (mAU)

DAD - DAD0 - Autobalance

Autobalance Prerun Yes Autobalance Postrun No

DAD - DAD0 - Spectrum

Spectrum Store None

DAD - DADO - Stoptime

Stoptime Mode As pump/injector

DAD - DAD0 - Posttime

Posttime Mode Off

DAD - DAD0 - Timetable

Sampler G1329A

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 8:45:17 AM US/Central Printed: 7/21/2020

Result Set Name: 62405 APAP GXP658 ELP 17July20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

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Reported by User: Ethan Peck (epeck)

Auxiliary Channels

Auxiliary Channels - - PUMP.0.0.Pressure

PUMP.0.0.Pressure disabled

Auxiliary Channels - - PUMP.0.1.Flow

PUMP.0.1.Flow disabled

Auxiliary Channels - - PUMP.0.2.SolventRatioA

PUMP.0.2.SolventRatioA disabled

Auxiliary Channels - - PUMP.0.3. SolventRatioB

PUMP.0.3.SolventRatioB disabled

Auxiliary Channels - - PUMP.0.4.DirectionofPistonA

PUMP.0.4.DirectionofPistonA disabled

Auxiliary Channels - - PUMP.0.5.DirectionofPistonB

PUMP.0.5.DirectionofPistonB disabled

Auxiliary Channels - - SAMPLER.0.0.Temperature

SAMPLER.0.0.Temperature disabled

Auxiliary Channels - - COLCOMP.0.0.LeftTemperature

COLCOMP.0.0.LeftTemperature disabled

Auxiliary Channels - - COLCOMP.0.1.RightTemperature

COLCOMP.0.1.RightTemperature disabled

General Settings

General Settings - - Fraction Start Location Specified

Fraction Start Location Specified False

General Settings - - Start Location

Start Location 1

General Settings - - Shutdown after Run

Shutdown after Run False

Revision History

Version 1 7/16/2020 2:45:12 PM CDT User epeck Created method '62405 APAP GXP658 ELP 16July20'.

Updated instrument method parameters to correctly match method

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User
1	62405 APAP GXP658 ELP 16July20	Instrument		7/16/2020 2:45:12 PM CDT	epeck

Method Version Summaries

	Method Locked	Method Id	Old Id	Method Version
1	No	8716		1

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835

Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020 Page: 40 of 45

Reported by User: Ethan Peck (epeck)

Method Version Summaries

Source S/W Info

1 Empower 3 Software Build 3471 SPs Installed: Feature Release 3 Hotfix 1 DB ID: 2567487186

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020

Reported by User: Ethan Peck (epeck)

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central

Result Set Name: 62405 APAP GXP658 ELP 17July20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020 Project Name: 62405\Biotech

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Reported by User: Ethan Peck (epeck)

Summary Table

Summary Table							
	EQIL-DIL	8812	2.009	18651			
	EQIL-DIL	8812	2.710			Acetaminophen	
	EQIL-DIL	8812	4.524	328991			
	EQIL-DIL	8812	6.980			Caffeine	
	EQIL-Std C	8813	2.636	1849357	6199.790391	Acetaminophen	
	EQIL-Std C	8813	6.711	1436633	11035.238592	Caffeine	
	15July2020-APAP-Dil	8814	2.710			Acetaminophen	
	15July2020-APAP-Dil	8814	6.980			Caffeine	
	15July2020-ELP-Std-D	8815	2.639	1834744	6269.126518	Acetaminophen	
	15July2020-ELP-Std-D	8815	6.980			Caffeine	
	15July2020-ELP-Std-D	8816	2.640	1838018	6274.905231	Acetaminophen	
	15July2020-ELP-Std-D	8816	6.980			Caffeine	
	15July2020-ELP-Std-D	8817	2.641	1850463	6305.193447	Acetaminophen	
	15July2020-ELP-Std-D	8817	6.980			Caffeine	
	15July2020-ELP-Std-D	8818	2.639	1846307	6285.188947	Acetaminophen	
	15July2020-ELP-Std-D	8818	6.980			Caffeine	
	15July2020-ELP-Std-D	8819	2.641	1848191	6314.325195	Acetaminophen	
	15July2020-ELP-Std-D	8819	6.980			Caffeine	
	15July2020-ELP-Res Std-C	8820	2.642	1852375	6306.868189	Acetaminophen	
	15July2020-ELP-Res Std-C	8820	6.739	1432583	11185.270313	Caffeine	
	15July2020-APAP-Dil	8821	2.710			Acetaminophen	
	15July2020-APAP-Dil	8821	6.980			Caffeine	
	16July2020-ELP-Lin Std-F	8822	2.644	1271745	6261.300714	Acetaminophen	
	16July2020-ELP-Lin Std-F	8822	6.980			Caffeine	
	16July2020-ELP-Lin Std-G	8823	2.645	1452417	6260.419325	Acetaminophen	
	16July2020-ELP-Lin Std-G	8823	6.980			Caffeine	
	16July2020-ELP-Lin Std-H	8824	2.645	1632341	6279.946974	Acetaminophen	
	16July2020-ELP-Lin Std-H	8824	6.980			Caffeine	
	16July2020-ELP-Lin Std-I	8825	2.646	1819894	6347.128865	Acetaminophen	
	16July2020-ELP-Lin Std-I	8825	6.980			Caffeine	
	16July2020-ELP-Lin Std-J	8826	2.648	2165908	6291.596064	Acetaminophen	
	16July2020-ELP-Lin Std-J	8826	6.980			Caffeine	
	15July2020-ELP-Std-D	8827	2.649	1844622	6364.197295	Acetaminophen	
	15July2020-ELP-Std-D	8827	6.980			Caffeine	
	15July2020-ELP-ASRDP-1	8828	2.650	1791390	6300.181270	Acetaminophen	
	15July2020-ELP-ASRDP-1	8828	6.980			Caffeine	
	15July2020-ELP-ASRDP-2	8829	2.650	1817229	6330.379308	Acetaminophen	
	15July2020-ELP-ASRDP-2	8829	6.980			Caffeine	
	<u> </u>						

Reported by User: Ethan Peck (epeck)

Summary Table

15Jul	ly2020-ELP-ASRDP-3	8830	2.651	1820151	6259.875113	Acetaminophen
15Jul	ly2020-ELP-ASRDP-3	8830	6.980			Caffeine
15Jul	ly2020-ELP-ASRDP-4	8831	2.652	1802050	6362.566899	Acetaminophen
15Jul	ly2020-ELP-ASRDP-4	8831	6.980			Caffeine
15Jul	ly2020-ELP-ASRDP-5	8832	2.653	1806552	6320.638365	Acetaminophen
15Jul	ly2020-ELP-ASRDP-5	8832	6.980			Caffeine
15.	July2020-ELP-Std-D	8833	2.656	1848610	6322.080541	Acetaminophen
15.	July2020-ELP-Std-D	8833	6.980			Caffeine

Result Sign Off Sign Off Date:

gn On Date.		
EQIL-DIL	8812	
EQIL-Std C	8813	
15July2020-APAP-Dil	8814	
15July2020-ELP-Std-D	8815	
15July2020-ELP-Std-D	8816	
15July2020-ELP-Std-D	8817	
15July2020-ELP-Std-D	8818	
15July2020-ELP-Std-D	8819	
15July2020-ELP-Res Std-C	8820	
15July2020-APAP-Dil	8821	
16July2020-ELP-Lin Std-F	8822	
16July2020-ELP-Lin Std-G	8823	
16July2020-ELP-Lin Std-H	8824	
16July2020-ELP-Lin Std-I	8825	
16July2020-ELP-Lin Std-J	8826	
15July2020-ELP-Std-D	8827	
15July2020-ELP-ASRDP-1	8828	
15July2020-ELP-ASRDP-2	8829	
15July2020-ELP-ASRDP-3	8830	
15July2020-ELP-ASRDP-4	8831	
15July2020-ELP-ASRDP-5	8832	

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Reported by User: Ethan Peck (epeck)

Result Sign Off Sign Off Date:

15July2020-ELP-Std-D	8833	

Error Log

Chromat Table group contains information that doesn't match the data being reported. Chromat Table group contains information that doesn't match the data being reported. Peak Results Table group contains information that doesn't match the data being reported. Peak Results Table group contains information that doesn't match the data being reported. Peak Results Table group contains information that doesn't match the data being reported. Peak Results Table group contains information that doesn't match the data being reported. Calibration Plot group contains information that doesn't match the data being reported. Calibration Plot group contains information that doesn't match the data being reported. Peak Results Table group contains information that doesn't match the data being reported. Peak Results Table group contains information that doesn't match the data being reported.

Result Set ID: 8808 Sample Set ID: 8723 Report Method ID: 8835 Printed: 7/21/2020 8:45:17 AM US/Central Result Set Name: 62405 APAP GXP658 ELP 17July 20 Sample Set Name: 62405 APAP GXP658 ELP 17July 20 Report Method Name: 62405 APAP ELP 20July 2020 Page: 45 of 45