

DMT Verification Summary

DMT Serial Number: 100151

	Date	Initial	Solution Lot #	Target	Result	St. Dev.	Bias	% CV	Notes
Adjustment	9/18/2025	JSD	25-13-100	Cal Factor:	0.939735				
Calibration	9/18/2025	JSD							
MCS Check	9/18/2025	JSD	24GP41260	0.100	0.098	0.0002	-2.00%	0.20%	
Linearity #1	9/22/2025	JSD	24-22-025	0.025	0.025	0.0002	0.00%	0.80%	
			25-14-200	0.207	0.198	0.0003	-4.35%	0.15%	
			24-19-340	0.347	0.334	0.0005	-3.75%	0.15%	
			24-22-025	0.025	0.024	0.0002	-4.00%	0.83%	
Linearity #2	9/23/2025	JSD	25-14-200	0.207	0.198	0.0003	-4.35%	0.15%	
			24-19-340	0.347	0.333	0.0006	-4.03%	0.18%	
			24-22-025	0.025	0.024	0.0004	-4.00%	1.67%	
			25-14-200	0.207	0.197	0.0004	-4.83%	0.20%	
Linearity #3	9/25/2025	ALB	24-19-340	0.347	0.332	0.0005	-4.32%	0.15%	
0.01 g/210 L Acetone in 0.08 g/210L EtOH	9/18/2025	JSD	25-08-08A01	Int. Detected?	Yes				
0.02 g/210 L MeOH in H ₂ O	9/18/2025	JSD	25-18-00M02	Int. Detected?	Yes				
0.01 g/210 L IPA in H ₂ O	9/18/2025	JSD	25-03-00I01	Int. Detected?	Yes				

Tech Review:

10/3/25

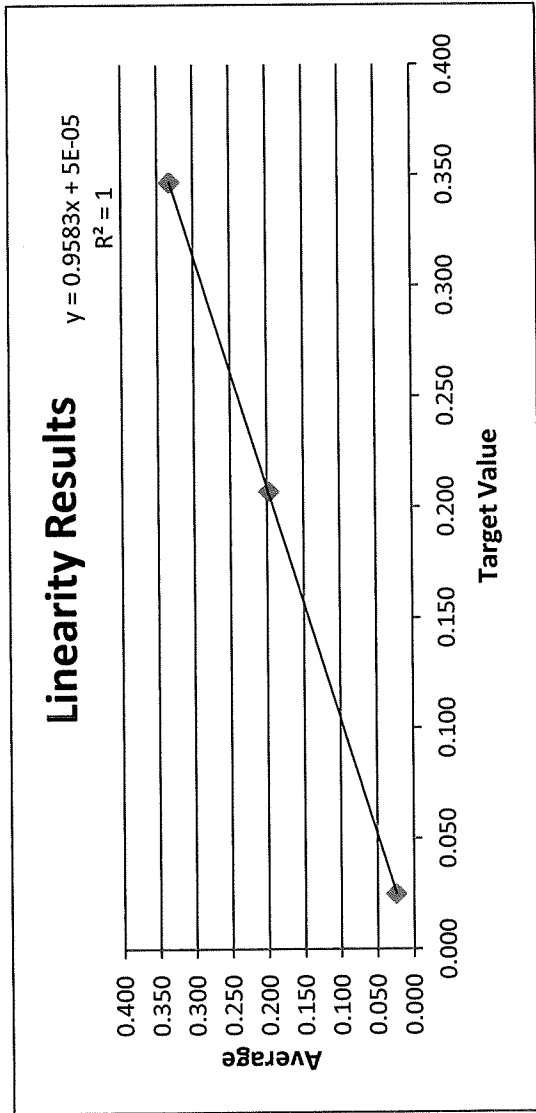
Admin Review:

10/3/25

Director Review:

10/6/2025

DMT Serial Number: 100151



100151

OSP



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/18/2025

Time: 13:47:38

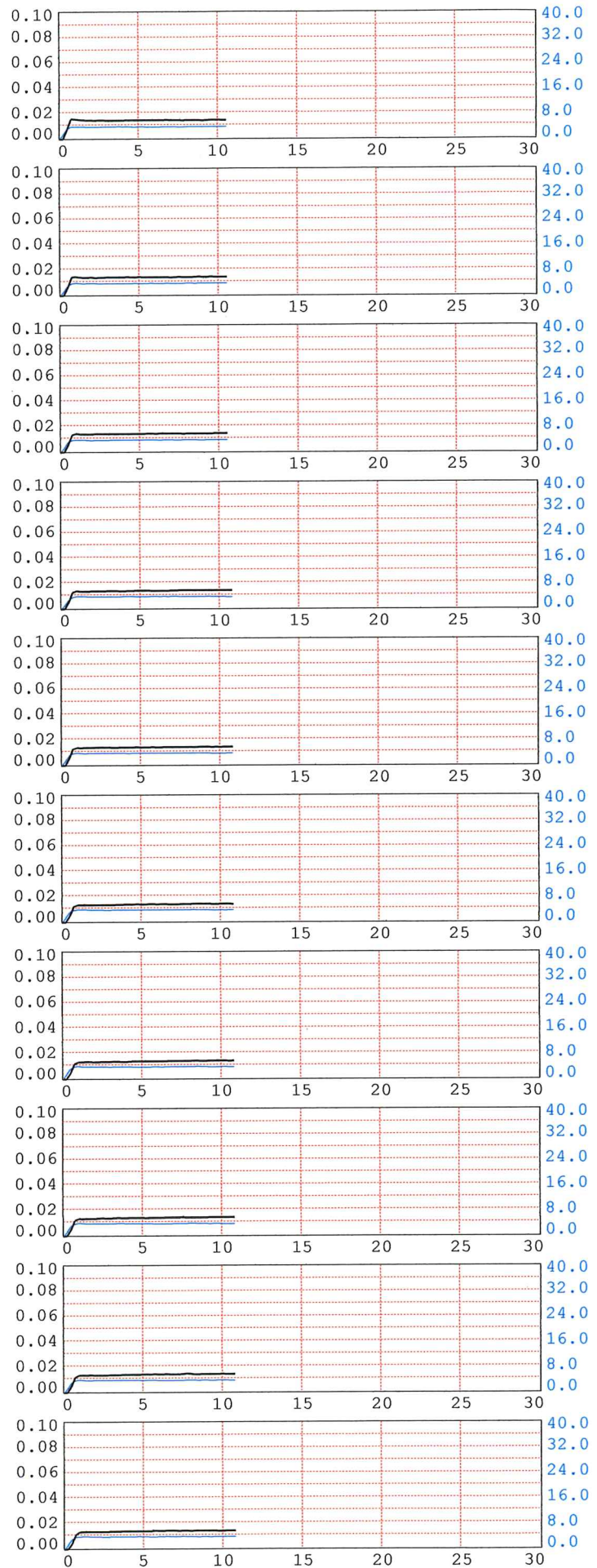
SUPERVISOR NAME:

JEFF DUKETTE

SOLUTION LOT #: 25-18-00M02

SOLUTION CONCENTRATION: 0.020

BLANK TEST 0.000 13:48
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:48
X[1] = 0.0161 (-0.0058) (-0.0045)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:50
X[1] = 0.0160 (-0.0056) (-0.0049)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:51
X[1] = 0.0159 (-0.0056) (-0.0048)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:52
X[1] = 0.0159 (-0.0054) (-0.0051)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:53
X[1] = 0.0159 (-0.0052) (-0.0053)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:55
X[1] = 0.0156 (-0.0057) (-0.0052)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:56
X[1] = 0.0156 (-0.0055) (-0.0055)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:57
X[1] = 0.0158 (-0.0053) (-0.0052)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:58
X[1] = 0.0158 (-0.0054) (-0.0048)
SIMULATOR VAPOR 34.0°C INTERFERENCE 13:59
X[1] = 0.0155 (-0.0056) (-0.0052)
BLANK TEST 0.000 14:00





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/18/2025

Time: 14:02:42

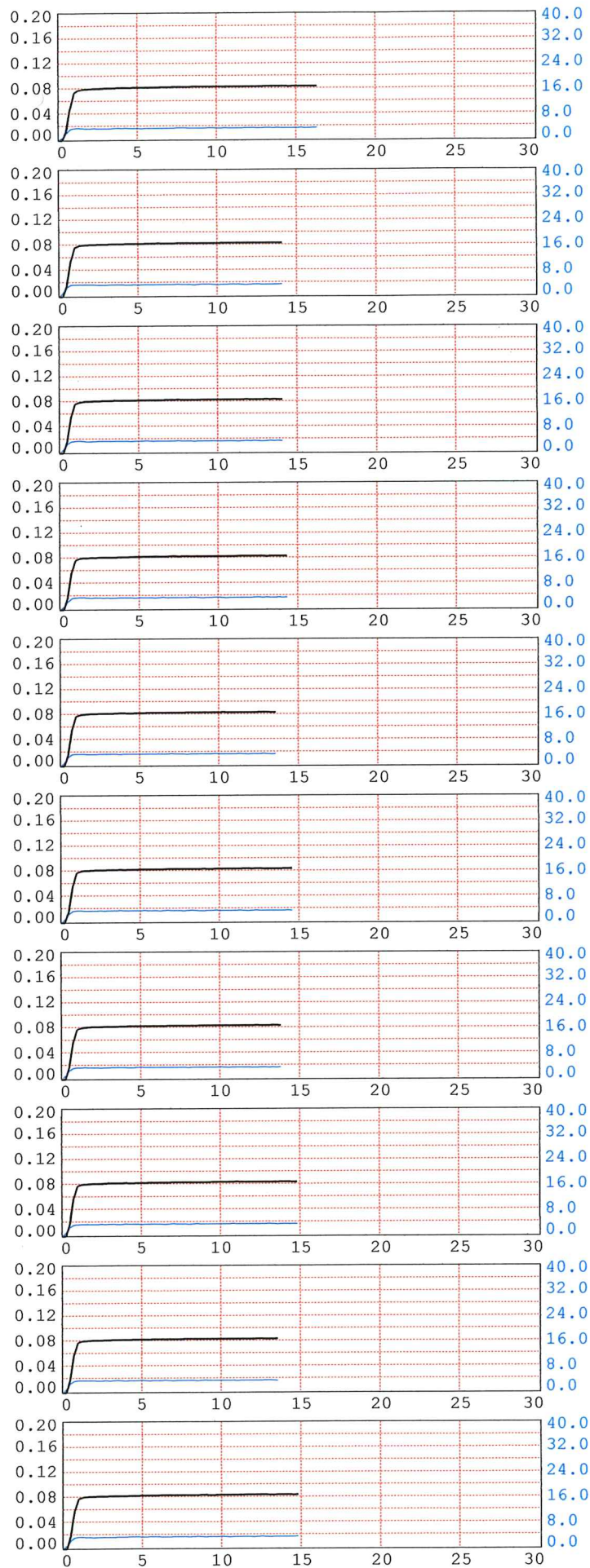
SUPERVISOR NAME:

JEFF DUKETTE

SOLUTION LOT #: 25-08-08A01

SOLUTION CONCENTRATION: 0.010

BLANK TEST 0.000 14:03
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:04
X[1] = 0.0850 (-0.0069) (0.0006)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:05
X[1] = 0.0846 (-0.0074) (0.0006)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:06
X[1] = 0.0849 (-0.0077) (0.0002)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:07
X[1] = 0.0847 (-0.0074) (0.0005)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:09
X[1] = 0.0848 (-0.0070) (0.0006)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:10
X[1] = 0.0850 (-0.0069) (0.0002)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:11
X[1] = 0.0851 (-0.0069) (0.0007)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:13
X[1] = 0.0849 (-0.0067) (0.0008)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:14
X[1] = 0.0847 (-0.0074) (0.0005)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:15
X[1] = 0.0852 (-0.0067) (0.0010)
BLANK TEST 0.000 14:16





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/18/2025

Time: 14:18:22

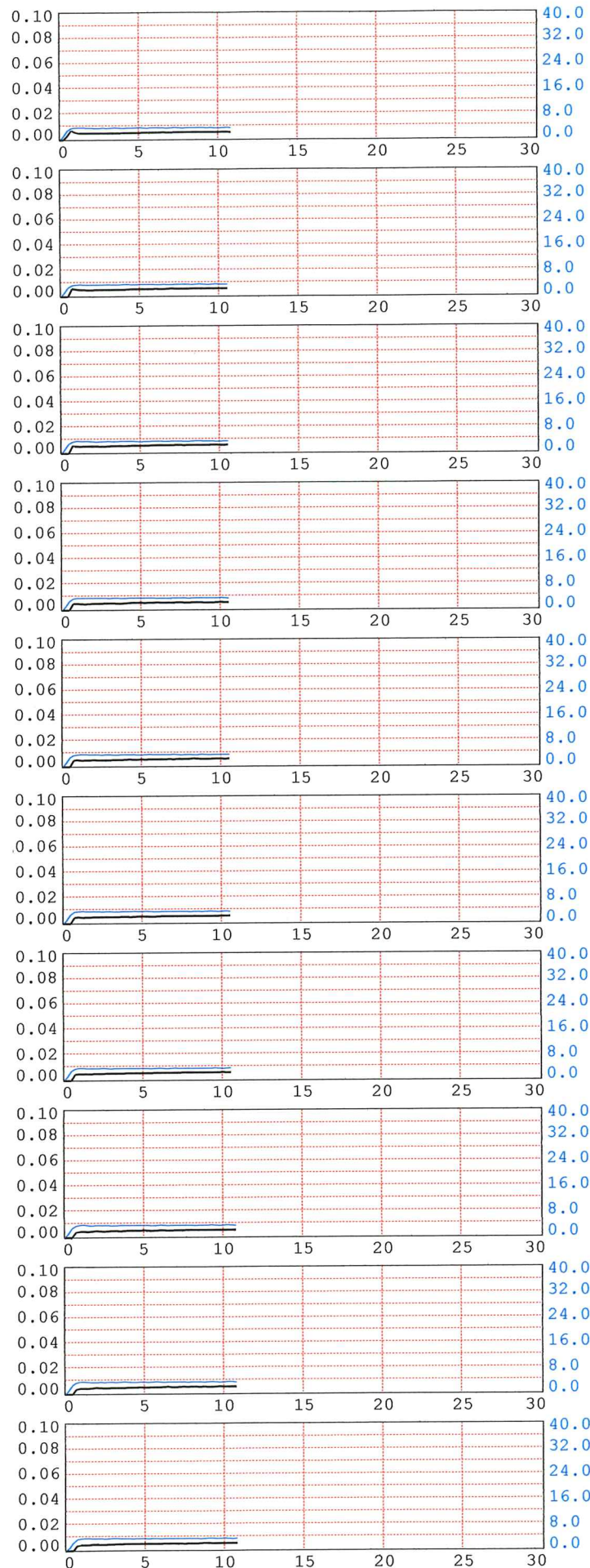
SUPERVISOR NAME:

JEFF DUKETTE

SOLUTION LOT #: 25-03-00101

SOLUTION CONCENTRATION: 0.010

BLANK TEST 0.000 14:19
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:19
X[1] = 0.0068 (-0.0080) (0.0005)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:20
X[1] = 0.0069 (-0.0074) (0.0010)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:22
X[1] = 0.0073 (-0.0064) (0.0011)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:23
X[1] = 0.0068 (-0.0074) (0.0007)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:24
X[1] = 0.0070 (-0.0071) (0.0009)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:25
X[1] = 0.0067 (-0.0074) (0.0006)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:26
X[1] = 0.0072 (-0.0069) (0.0008)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:28
X[1] = 0.0067 (-0.0073) (0.0007)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:29
X[1] = 0.0066 (-0.0071) (0.0007)
SIMULATOR VAPOR 34.0°C INTERFERENCE 14:30
X[1] = 0.0066 (-0.0073) (0.0005)
BLANK TEST 0.000 14:31





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/22/2025

Time: 10:55:42

SUPERVISOR NAME:

JEFF DUKETTE

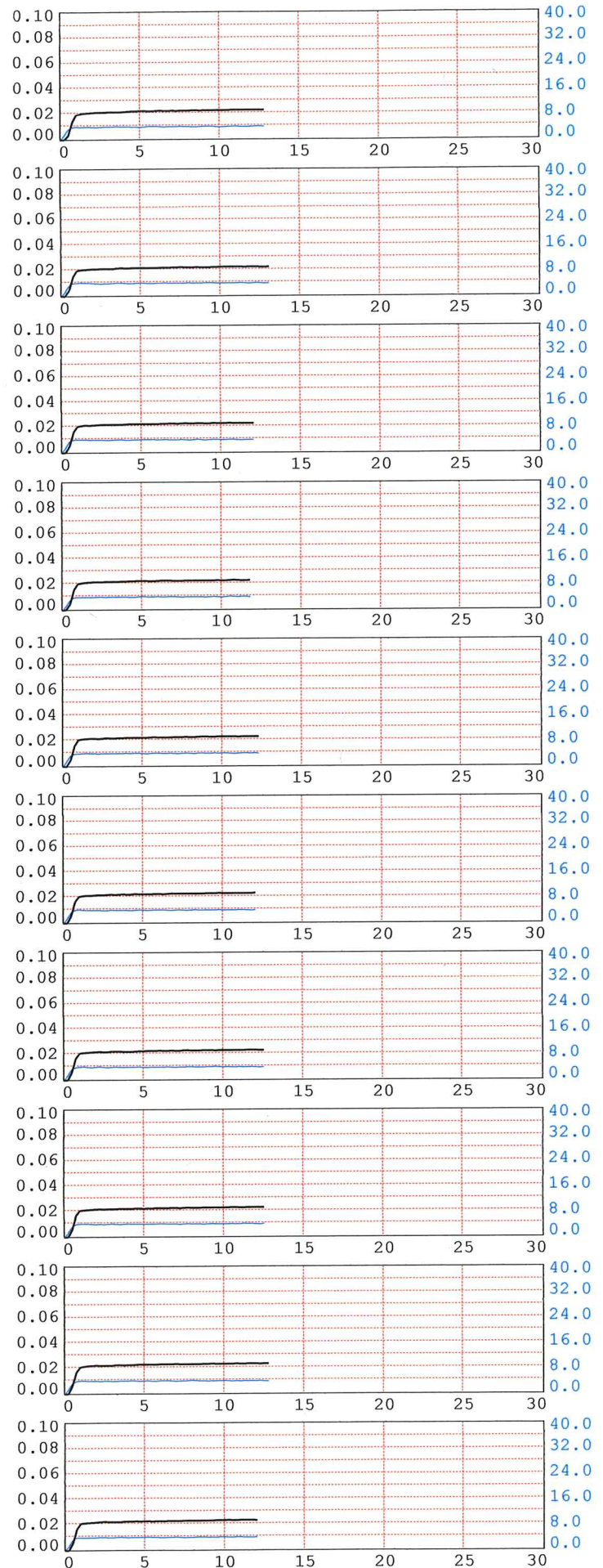
SOLUTION LOT #: 24-22-025

SOLUTION CONCENTRATION: 0.025

BLANK TEST	0.000	10:56
SIMULATOR VAPOR 34.0°C	0.025	10:57
X[1] = 0.0246 (0.0000) (0.0001)		
SIMULATOR VAPOR 34.0°C	0.024	10:58
X[1] = 0.0243 (-0.0009) (-0.0007)		
SIMULATOR VAPOR 34.0°C	0.025	10:59
X[1] = 0.0246 (-0.0001) (-0.0002)		
SIMULATOR VAPOR 34.0°C	0.024	11:00
X[1] = 0.0245 (0.0000) (-0.0003)		
SIMULATOR VAPOR 34.0°C	0.025	11:02
X[1] = 0.0248 (0.0000) (0.0000)		
SIMULATOR VAPOR 34.0°C	0.025	11:03
X[1] = 0.0249 (-0.0003) (-0.0004)		
SIMULATOR VAPOR 34.0°C	0.025	11:04
X[1] = 0.0247 (-0.0001) (-0.0003)		
SIMULATOR VAPOR 34.0°C	0.024	11:05
X[1] = 0.0244 (-0.0005) (-0.0004)		
SIMULATOR VAPOR 34.0°C	0.025	11:07
X[1] = 0.0250 (0.0002) (-0.0001)		
SIMULATOR VAPOR 34.0°C	0.025	11:08
X[1] = 0.0249 (0.0003) (0.0003)		
BLANK TEST	0.000	11:09

Average = 0.025

Std Dev = 0.0002





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/22/2025

Time: 11:29:45

SUPERVISOR NAME:

JEFF DUKETTE

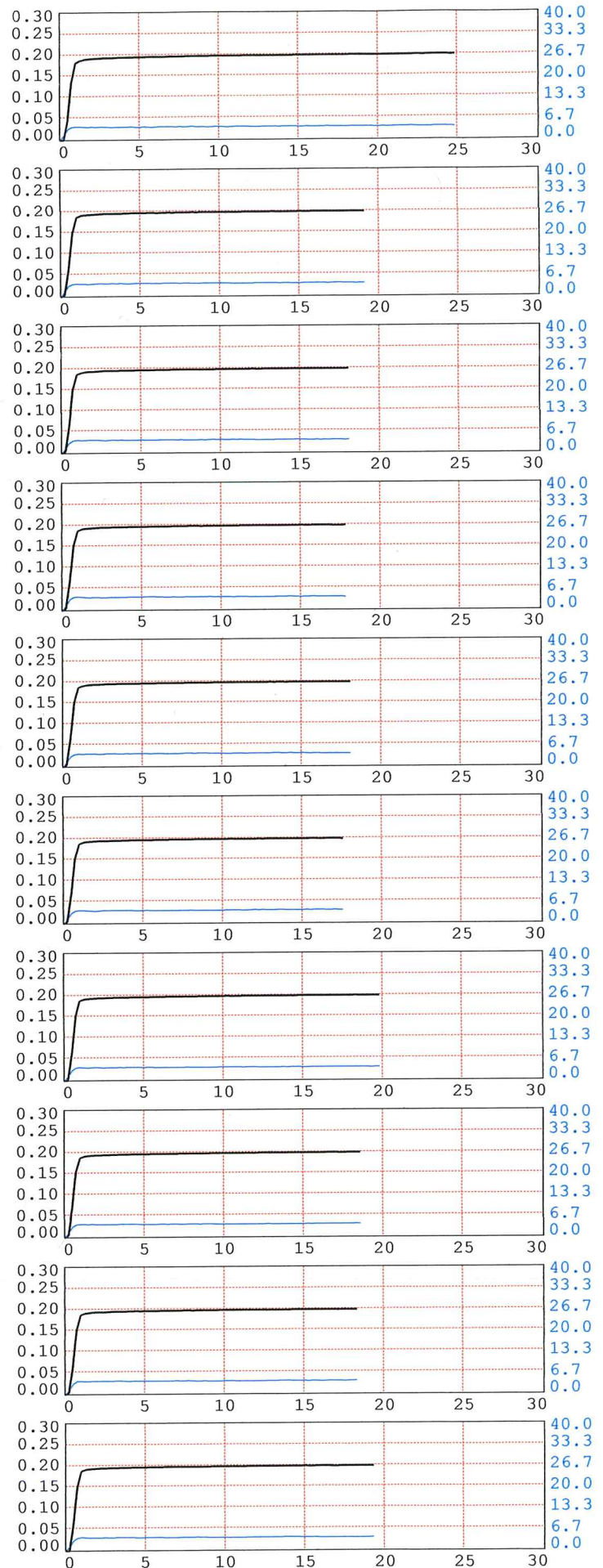
SOLUTION LOT #: 25-14-200

SOLUTION CONCENTRATION: 0.207

BLANK TEST	0.000	11:30
SIMULATOR VAPOR 34.0°C	0.199	11:31
X[1] = 0.1989 (0.0014) (0.0003)		
SIMULATOR VAPOR 34.0°C	0.199	11:32
X[1] = 0.1986 (0.0018) (0.0004)		
SIMULATOR VAPOR 34.0°C	0.198	11:34
X[1] = 0.1982 (0.0018) (0.0000)		
SIMULATOR VAPOR 34.0°C	0.198	11:35
X[1] = 0.1981 (0.0019) (0.0004)		
SIMULATOR VAPOR 34.0°C	0.198	11:36
X[1] = 0.1984 (0.0011) (0.0001)		
SIMULATOR VAPOR 34.0°C	0.198	11:38
X[1] = 0.1983 (0.0024) (0.0004)		
SIMULATOR VAPOR 34.0°C	0.199	11:39
X[1] = 0.1987 (0.0017) (0.0006)		
SIMULATOR VAPOR 34.0°C	0.198	11:40
X[1] = 0.1981 (0.0016) (0.0004)		
SIMULATOR VAPOR 34.0°C	0.198	11:42
X[1] = 0.1980 (0.0019) (0.0005)		
SIMULATOR VAPOR 34.0°C	0.199	11:43
X[1] = 0.1986 (0.0015) (0.0003)		
BLANK TEST	0.000	11:44

Average = 0.198

Std Dev = 0.0003





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/22/2025

Time: 11:52:41

SUPERVISOR NAME:

JEFF DUKETTE

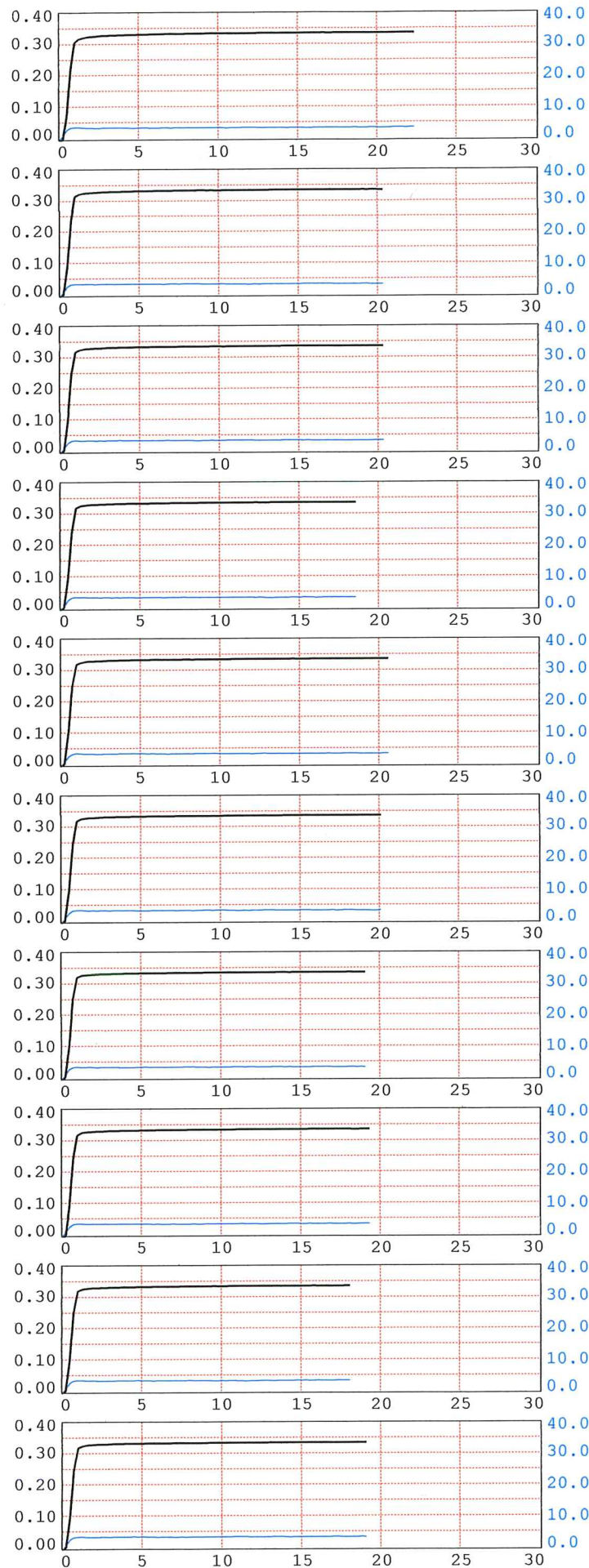
SOLUTION LOT #: 24-19-340

SOLUTION CONCENTRATION: 0.347

BLANK TEST	0.000	11:53
SIMULATOR VAPOR 34.0°C	0.335	11:54
X[1] = 0.3346 (0.0039) (0.0019)		
SIMULATOR VAPOR 34.0°C	0.334	11:55
X[1] = 0.3338 (0.0038) (0.0011)		
SIMULATOR VAPOR 34.0°C	0.334	11:57
X[1] = 0.3343 (0.0036) (0.0017)		
SIMULATOR VAPOR 34.0°C	0.335	11:58
X[1] = 0.3350 (0.0030) (0.0011)		
SIMULATOR VAPOR 34.0°C	0.335	11:59
X[1] = 0.3346 (0.0030) (0.0013)		
SIMULATOR VAPOR 34.0°C	0.335	12:01
X[1] = 0.3352 (0.0032) (0.0010)		
SIMULATOR VAPOR 34.0°C	0.334	12:02
X[1] = 0.3345 (0.0040) (0.0018)		
SIMULATOR VAPOR 34.0°C	0.335	12:03
X[1] = 0.3346 (0.0033) (0.0017)		
SIMULATOR VAPOR 34.0°C	0.334	12:05
X[1] = 0.3343 (0.0039) (0.0015)		
SIMULATOR VAPOR 34.0°C	0.334	12:06
X[1] = 0.3337 (0.0042) (0.0019)		
BLANK TEST	0.000	12:07

Average = 0.334

Std Dev = 0.0005





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/23/2025

Time: 07:37:44

SUPERVISOR NAME:

JEFF DUKETTE

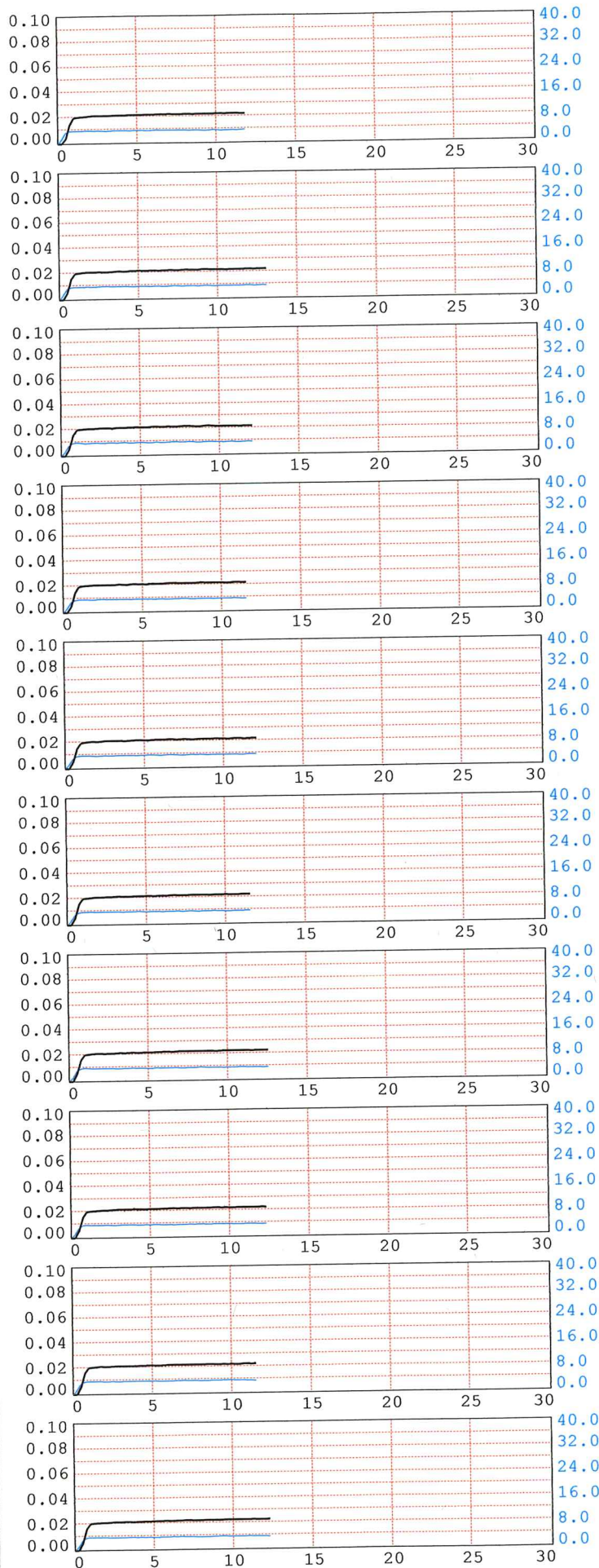
SOLUTION LOT #: 24-22-025

SOLUTION CONCENTRATION: 0.025

BLANK TEST	0.000	07:38
SIMULATOR VAPOR 34.0°C	0.025	07:39
X[1] = 0.0246 (0.0009) (0.0002)		
SIMULATOR VAPOR 34.0°C	0.024	07:40
X[1] = 0.0245 (0.0010) (0.0000)		
SIMULATOR VAPOR 34.0°C	0.024	07:41
X[1] = 0.0243 (0.0002) (-0.0005)		
SIMULATOR VAPOR 34.0°C	0.024	07:42
X[1] = 0.0241 (0.0004) (-0.0006)		
SIMULATOR VAPOR 34.0°C	0.024	07:44
X[1] = 0.0240 (0.0003) (-0.0006)		
SIMULATOR VAPOR 34.0°C	0.024	07:45
X[1] = 0.0244 (0.0004) (-0.0005)		
SIMULATOR VAPOR 34.0°C	0.025	07:46
X[1] = 0.0248 (0.0003) (-0.0002)		
SIMULATOR VAPOR 34.0°C	0.024	07:47
X[1] = 0.0244 (0.0004) (-0.0005)		
SIMULATOR VAPOR 34.0°C	0.024	07:48
X[1] = 0.0241 (-0.0001) (-0.0009)		
SIMULATOR VAPOR 34.0°C	0.024	07:50
X[1] = 0.0245 (0.0004) (0.0001)		
BLANK TEST	0.000	07:51

Average = 0.024

Std Dev = 0.0002





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/23/2025

Time: 07:59:51

SUPERVISOR NAME:

JEFF DUKETTE

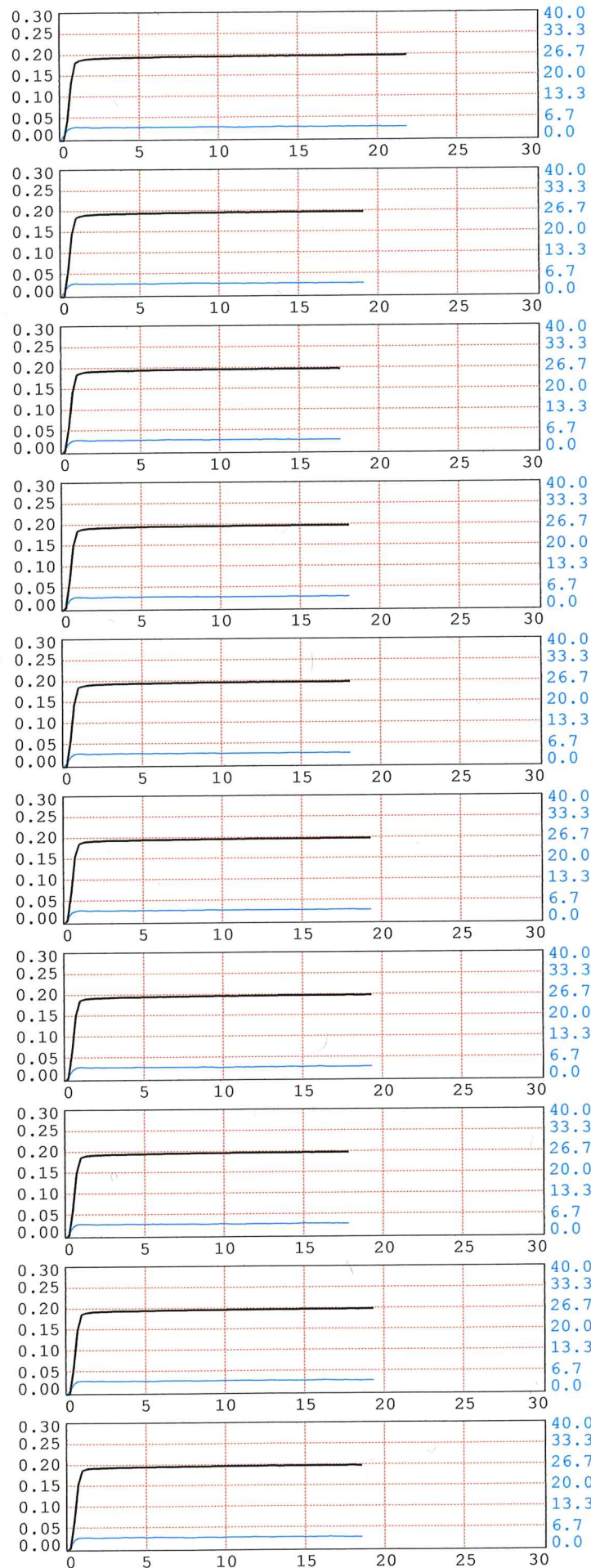
SOLUTION LOT #: 25-14-200

SOLUTION CONCENTRATION: 0.207

BLANK TEST	0.000	08:00
SIMULATOR VAPOR 34.0°C	0.198	08:01
X[1] = 0.1978 (0.0021) (0.0014)		
SIMULATOR VAPOR 34.0°C	0.198	08:02
X[1] = 0.1975 (0.0019) (0.0008)		
SIMULATOR VAPOR 34.0°C	0.198	08:04
X[1] = 0.1975 (0.0024) (0.0008)		
SIMULATOR VAPOR 34.0°C	0.197	08:05
X[1] = 0.1970 (0.0017) (0.0008)		
SIMULATOR VAPOR 34.0°C	0.198	08:06
X[1] = 0.1976 (0.0023) (0.0008)		
SIMULATOR VAPOR 34.0°C	0.198	08:08
X[1] = 0.1978 (0.0025) (0.0007)		
SIMULATOR VAPOR 34.0°C	0.198	08:09
X[1] = 0.1982 (0.0025) (0.0011)		
SIMULATOR VAPOR 34.0°C	0.198	08:10
X[1] = 0.1979 (0.0022) (0.0010)		
SIMULATOR VAPOR 34.0°C	0.198	08:12
X[1] = 0.1980 (0.0031) (0.0014)		
SIMULATOR VAPOR 34.0°C	0.198	08:13
X[1] = 0.1980 (0.0022) (0.0009)		
BLANK TEST	0.000	08:14

Average = 0.198

Std Dev = 0.0003





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/23/2025

Time: 08:16:29

SUPERVISOR NAME:

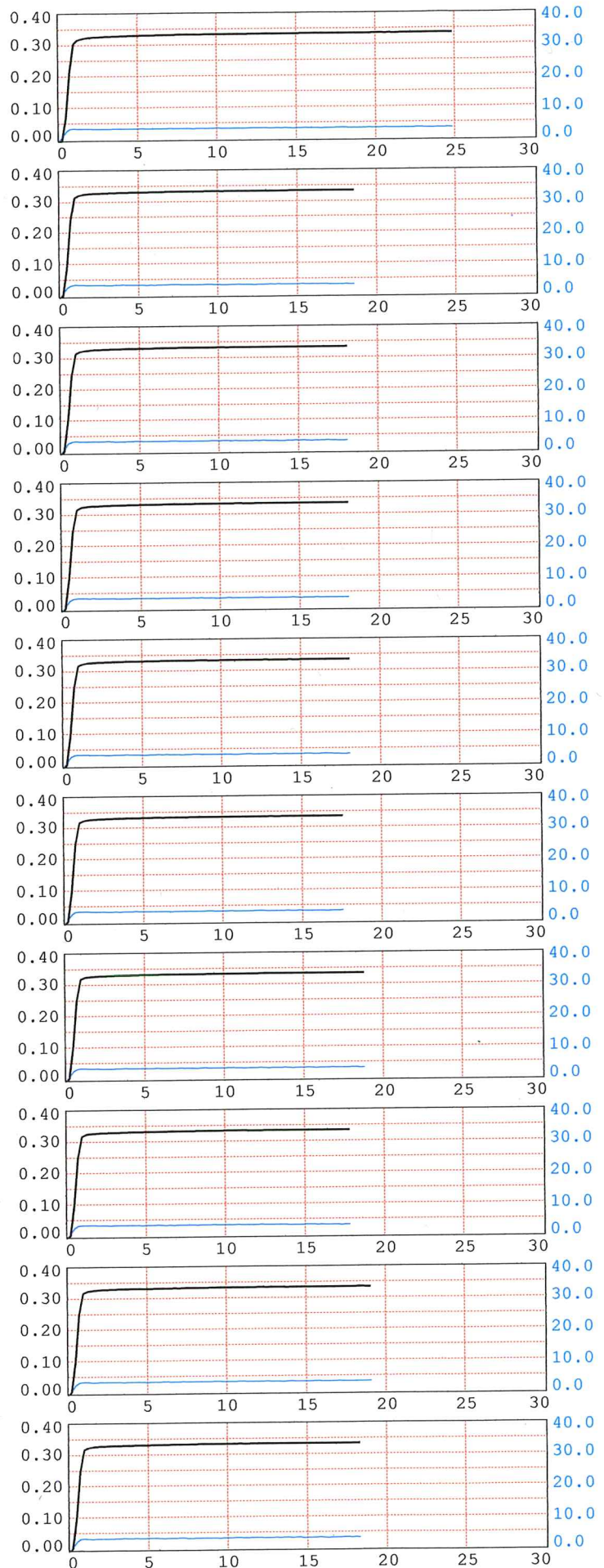
JEFF DUKETTE

SOLUTION LOT #: 24-19-340

SOLUTION CONCENTRATION: 0.347

BLANK TEST	0.000	08:17
SIMULATOR VAPOR 34.0°C	0.334	08:18
X[1] = 0.3341 (0.0050) (0.0024)		
SIMULATOR VAPOR 34.0°C	0.332	08:19
X[1] = 0.3324 (0.0043) (0.0021)		
SIMULATOR VAPOR 34.0°C	0.332	08:20
X[1] = 0.3321 (0.0043) (0.0016)		
SIMULATOR VAPOR 34.0°C	0.333	08:22
X[1] = 0.3334 (0.0038) (0.0012)		
SIMULATOR VAPOR 34.0°C	0.333	08:23
X[1] = 0.3326 (0.0046) (0.0018)		
SIMULATOR VAPOR 34.0°C	0.333	08:24
X[1] = 0.3330 (0.0047) (0.0019)		
SIMULATOR VAPOR 34.0°C	0.334	08:26
X[1] = 0.3336 (0.0041) (0.0015)		
SIMULATOR VAPOR 34.0°C	0.333	08:27
X[1] = 0.3326 (0.0054) (0.0024)		
SIMULATOR VAPOR 34.0°C	0.333	08:28
X[1] = 0.3332 (0.0050) (0.0022)		
SIMULATOR VAPOR 34.0°C	0.333	08:30
X[1] = 0.3328 (0.0055) (0.0028)		
BLANK TEST	0.000	08:31

Average = 0.333
Std Dev = 0.0006





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/25/2025

Time: 11:29:20

SUPERVISOR NAME:

AMANDA BOLDUC

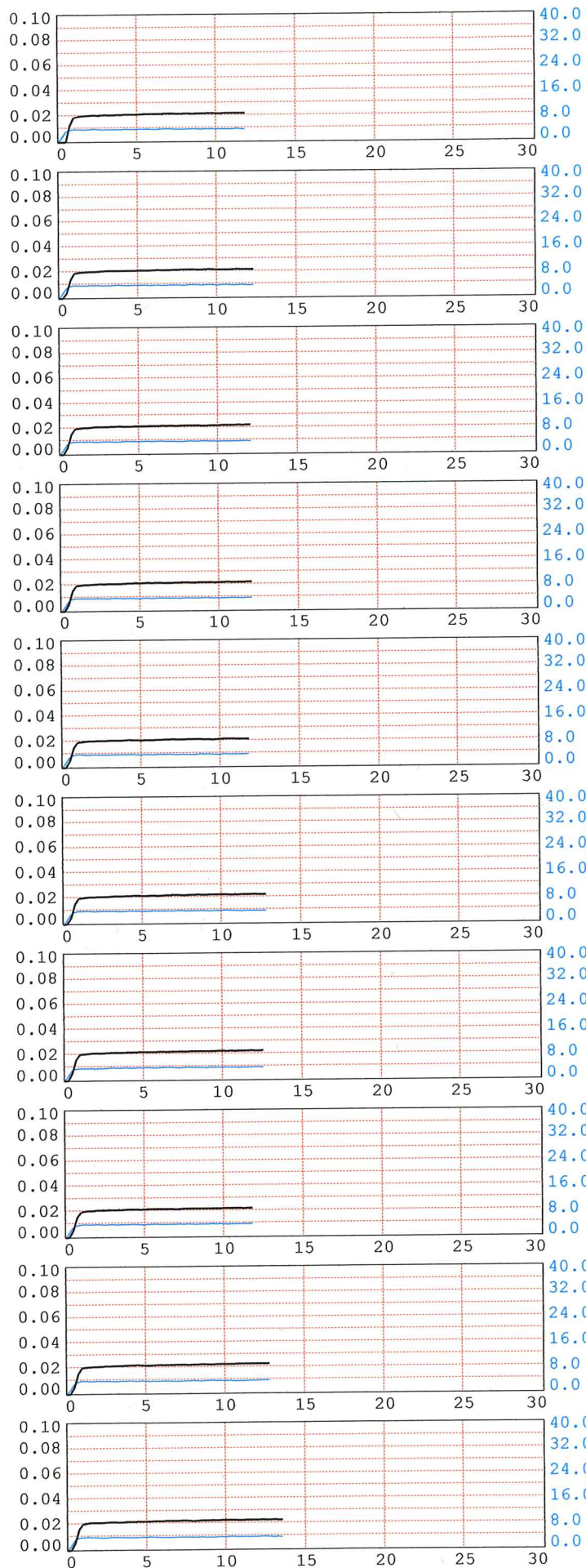
SOLUTION LOT #: 24-22-025

SOLUTION CONCENTRATION: 0.025

BLANK TEST	0.000	11:30
SIMULATOR VAPOR 34.0°C	0.024	11:30
X[1] = 0.0239 (0.0004) (-0.0002)		
SIMULATOR VAPOR 34.0°C	0.024	11:31
X[1] = 0.0238 (0.0000) (-0.0002)		
SIMULATOR VAPOR 34.0°C	0.024	11:33
X[1] = 0.0242 (0.0007) (-0.0004)		
SIMULATOR VAPOR 34.0°C	0.024	11:34
X[1] = 0.0241 (-0.0003) (-0.0005)		
SIMULATOR VAPOR 34.0°C	0.024	11:35
X[1] = 0.0235 (-0.0001) (-0.0008)		
SIMULATOR VAPOR 34.0°C	0.024	11:36
X[1] = 0.0243 (0.0006) (-0.0004)		
SIMULATOR VAPOR 34.0°C	0.024	11:38
X[1] = 0.0245 (0.0007) (-0.0002)		
SIMULATOR VAPOR 34.0°C	0.024	11:39
X[1] = 0.0240 (0.0003) (-0.0006)		
SIMULATOR VAPOR 34.0°C	0.024	11:40
X[1] = 0.0244 (0.0008) (0.0000)		
SIMULATOR VAPOR 34.0°C	0.025	11:41
X[1] = 0.0247 (0.0006) (-0.0001)		
BLANK TEST	0.000	11:42

Average = 0.024

Std Dev = 0.0004





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/25/2025

Time: 11:47:40

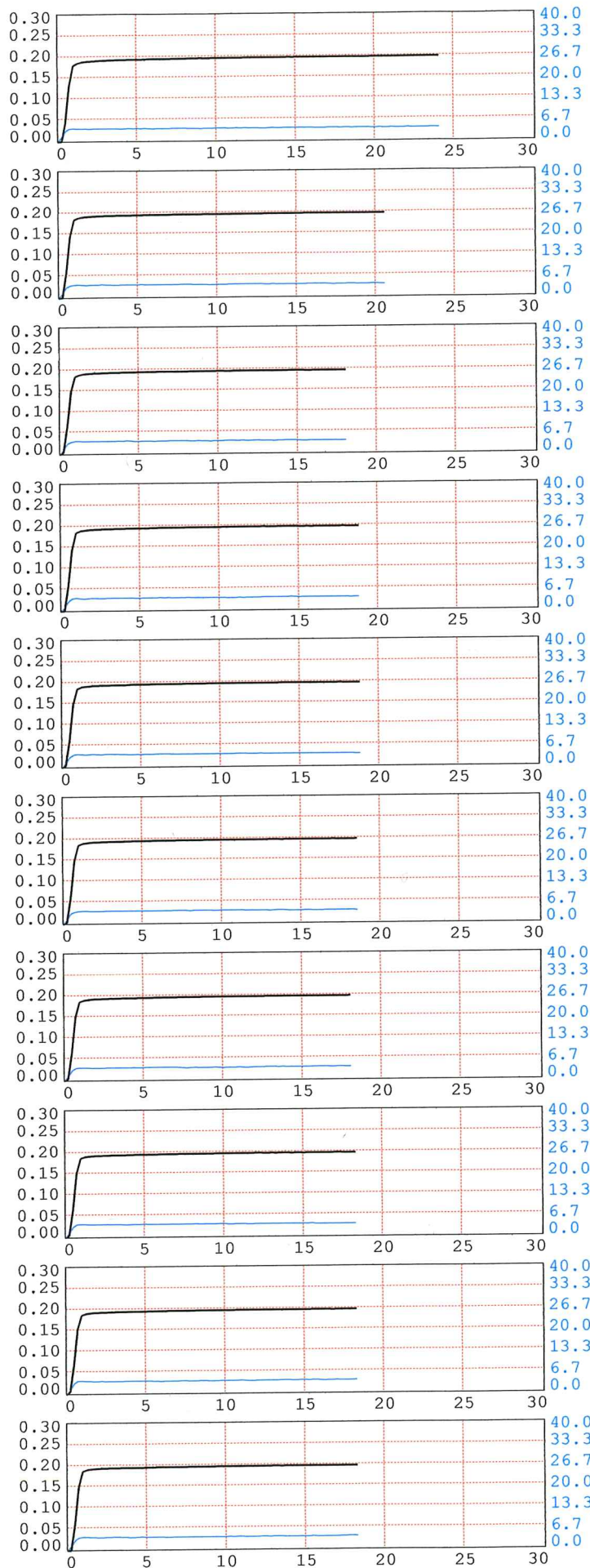
SUPERVISOR NAME: *AD*
AMANDA BOLDUC

SOLUTION LOT #: 25-14-200

SOLUTION CONCENTRATION: 0.207

BLANK TEST	0.000	11:48
SIMULATOR VAPOR 34.0°C	0.197	11:49
X[1] = 0.1974 (0.0026) (0.0004)		
SIMULATOR VAPOR 34.0°C	0.197	11:50
X[1] = 0.1968 (0.0024) (0.0010)		
SIMULATOR VAPOR 34.0°C	0.196	11:51
X[1] = 0.1959 (0.0014) (0.0004)		
SIMULATOR VAPOR 34.0°C	0.197	11:53
X[1] = 0.1967 (0.0022) (0.0008)		
SIMULATOR VAPOR 34.0°C	0.197	11:54
X[1] = 0.1968 (0.0028) (0.0006)		
SIMULATOR VAPOR 34.0°C	0.197	11:56
X[1] = 0.1969 (0.0024) (0.0006)		
SIMULATOR VAPOR 34.0°C	0.197	11:57
X[1] = 0.1967 (0.0029) (0.0009)		
SIMULATOR VAPOR 34.0°C	0.197	11:58
X[1] = 0.1966 (0.0027) (0.0005)		
SIMULATOR VAPOR 34.0°C	0.197	12:00
X[1] = 0.1967 (0.0024) (0.0006)		
SIMULATOR VAPOR 34.0°C	0.197	12:01
X[1] = 0.1969 (0.0028) (0.0011)		
BLANK TEST	0.000	12:02

Average = 0.197
Std Dev = 0.0004





ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMaster DMT: 100151

Date: 9/25/2025

Time: 12:09:59

SUPERVISOR NAME:
AMANDA BOLDUC

SOLUTION LOT #: 24-19-340
SOLUTION CONCENTRATION: 0.347

BLANK TEST	0.000	12:10
SIMULATOR VAPOR 34.0°C	0.332	12:11
X[1] = 0.3325 (0.0049) (0.0020)		
SIMULATOR VAPOR 34.0°C	0.333	12:12
X[1] = 0.3330 (0.0040) (0.0016)		
SIMULATOR VAPOR 34.0°C	0.333	12:14
X[1] = 0.3326 (0.0035) (0.0013)		
SIMULATOR VAPOR 34.0°C	0.332	12:15
X[1] = 0.3318 (0.0043) (0.0014)		
SIMULATOR VAPOR 34.0°C	0.332	12:17
X[1] = 0.3316 (0.0043) (0.0015)		
SIMULATOR VAPOR 34.0°C	0.332	12:18
X[1] = 0.3315 (0.0041) (0.0016)		
SIMULATOR VAPOR 34.0°C	0.332	12:19
X[1] = 0.3317 (0.0046) (0.0016)		
SIMULATOR VAPOR 34.0°C	0.331	12:21
X[1] = 0.3314 (0.0044) (0.0014)		
SIMULATOR VAPOR 34.0°C	0.332	12:22
X[1] = 0.3320 (0.0046) (0.0024)		
SIMULATOR VAPOR 34.0°C	0.332	12:24
X[1] = 0.3320 (0.0060) (0.0023)		
BLANK TEST	0.000	12:25

Average = 0.332
Std Dev = 0.0005

