M 9056 / 300

10/26/17 AK

Clear table

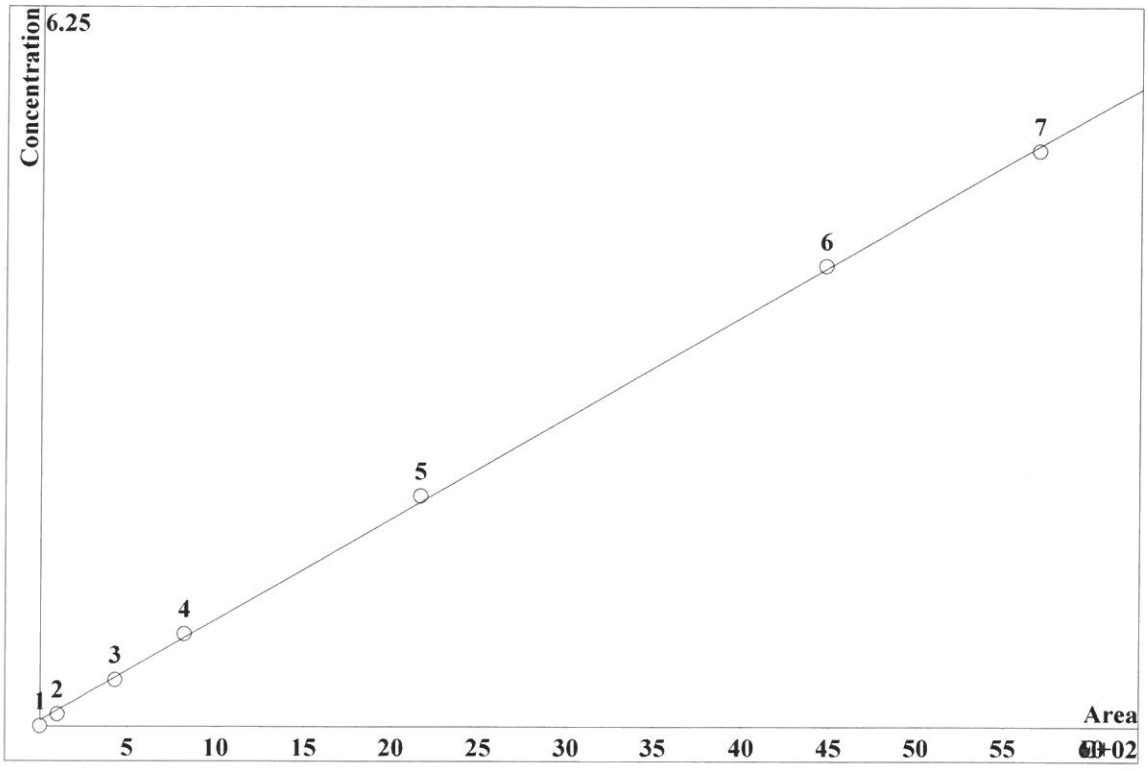
| ident | concentration F- | concentration CL- | concentration NO2 | concentration BR- | concentration NO3 | concentration HPO4 | concentration SO4 | file name | date time |
|---|---|---|---|---|---|---|---|---|---|
| STD1 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | _2017-10-03_ | 10/3/17 12:48 |
| STD2 | 0.1390 | 0.2220 | 0.2260 | 0.7640 | 0.1970 | -0.0870 | 1.3340 | _2017-10-03_ | 10/3/17 13:18 |
| STD3 | 0.4250 | 0.6380 | 0.6260 | 2.1040 | 0.5300 | 1.1830 | 3.2230 | _2017-10-03_ | 10/3/17 13:48 |
| STD4 | 0.7710 | 1.1670 | 1.1560 | 3.8760 | 0.9670 | 2.1730 | 5.7460 | _2017-10-03_ | 10/3/17 14:18 |
| STD5 | 1.9490 | 2.9230 | 2.9400 | 9.7590 | 2.4290 | 5.1250 | 14.3840 | _2017-10-03_ | 10/3/17 14:48 |
| STD6 | 3.9740 | 5.8740 | 5.8980 | 19.5710 | 4.8920 | 9.8040 | 29.2860 | _2017-10-03_ | 10/3/17 15:18 |
| STD7 | 5.0410 | 7.6260 | 7.6050 | 25.4250 | 6.3600 | 12.5530 | 38.2770 | _2017-10-03_ | 10/3/17 15:48 |
| ICV | 2.0640 | 2.9620 | 2.9350 | 9.8410 | 2.4590 | 5.4610 | 14.5530 | _2017-10-03_ | 10/3/17 17:41 |
| ICB | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | _2017-10-03_ | 10/3/17 18:11 |
| CCV | 2.0590 | 2.8670 | 2.9060 | 9.5010 | 2.3660 | 5.3520 | 13.7160 | _2017-10-25_ | 10/25/17 15:22 |
| CCB | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | _2017-10-25_ | 10/25/17 15:53 |
| LB91110BLW | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | _2017-10-25_ | 10/25/17 16:23 |
| LB91110BSW | 2.0740 | 2.9100 | 2.9640 | 9.6490 | 2.4110 | 5.4780 | 13.9690 | _2017-10-25_ | 10/25/17 16:53 |
| I6108-03 | 0.2580 | 272.5030 | 0.0000 | 4.1840 | 0.0000 | 0.0000 | 4.1710 | _2017-10-25_ | 10/25/17 17:28 |
| I6108-02 | 0.0000 | 98.6630 | 0.0000 | 0.5970 | 5.3180 | 0.0000 | 13.7340 | _2017-10-25_ | 10/25/17 17:58 |
| I6108-06 | 0.1590 | 52.7100 | 0.0000 | 0.0000 | 0.5830 | 0.0000 | 10.6550 | _2017-10-25_ | 10/25/17 18:28 |
| I6108-03DUP | 0.2570 | 279.0490 | 0.0000 | 4.1940 | 0.0000 | 0.0000 | 4.1980 | _2017-10-25_ | 10/25/17 18:58 |
| I6108-04MS | 2.1600 | 257.7220 | 3.0950 | 14.0110 | 2.4980 | 4.1380 | 17.6840 | _2017-10-25_ | 10/25/17 19:28 |
| I6108-05MSD | 2.1740 | 262.5860 | 2.9580 | 13.5500 | 2.3990 | 3.8900 | 17.0860 | _2017-10-25_ | 10/25/17 19:58 |
| CCV | 2.0820 | 2.9110 | 2.9850 | 9.8140 | 2.4000 | 5.5760 | 13.8960 | _2017-10-25_ | 10/25/17 20:28 |
| CCB | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | _2017-10-25_ | 10/25/17 20:58 |

IC-2

10/03/17 AK

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-100317.mtw
Equation: Q = 0.0175309·A + 0.988954
RSD: 2.170 %
Correlation coefficient: 0.999808

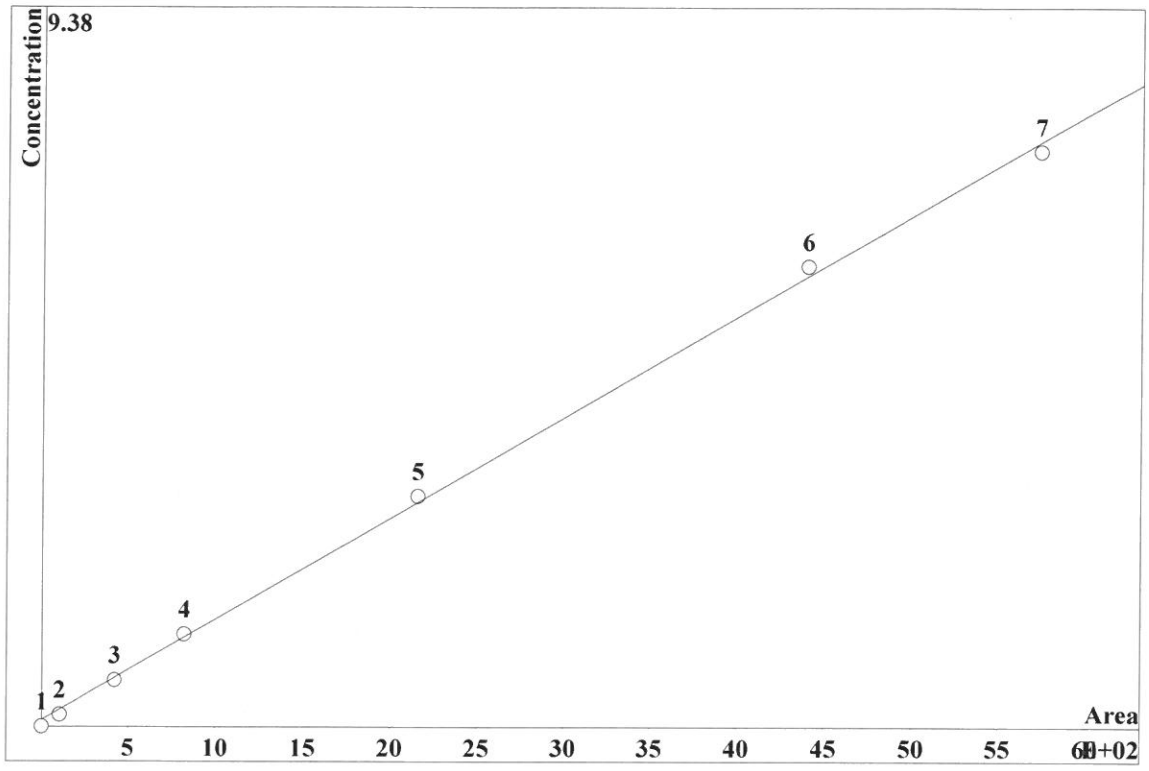



K3 = 0 K2 = 0 K1 = 0.0175309 K0 = 0.988954
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | 0 |
| 2 | 3.451 | 102.5 | 0.1 | 20 | | | 5.09 |
| 3 | 17.44 | 428.4 | 0.4 | 20 | | | 5.09 |
| 4 | 33.32 | 823.1 | 0.8 | 20 | | | 5.09 |
| 5 | 84.29 | 2168 | 2 | 20 | | | 5.09 |
| 6 | 180.2 | 4478 | 4 | 20 | | | 5.09 |
| 7 | 217.8 | 5695 | 5 | 20 | | | 5.09 |

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-100317.mtw
Equation: Q = 0.0262889·A + 1.68037
RSD: 3.468 %
Correlation coefficient: 0.999509




K3 = 0 K2 = 0 K1 = 0.0262889 K0 = 1.68037
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | 0 |
| 2 | 7.481 | 105.3 | 0.15 | 20 | | | 8.696 |
| 3 | 29.88 | 421.2 | 0.6 | 20 | | | 8.696 |
| 4 | 59.68 | 823.6 | 1.2 | 20 | | | 8.696 |
| 5 | 160.5 | 2160 | 3 | 20 | | | 8.696 |
| 6 | 333.7 | 4405 | 6 | 20 | | | 8.696 |
| 7 | 438.6 | 5738 | 7.5 | 20 | | | 8.696 |

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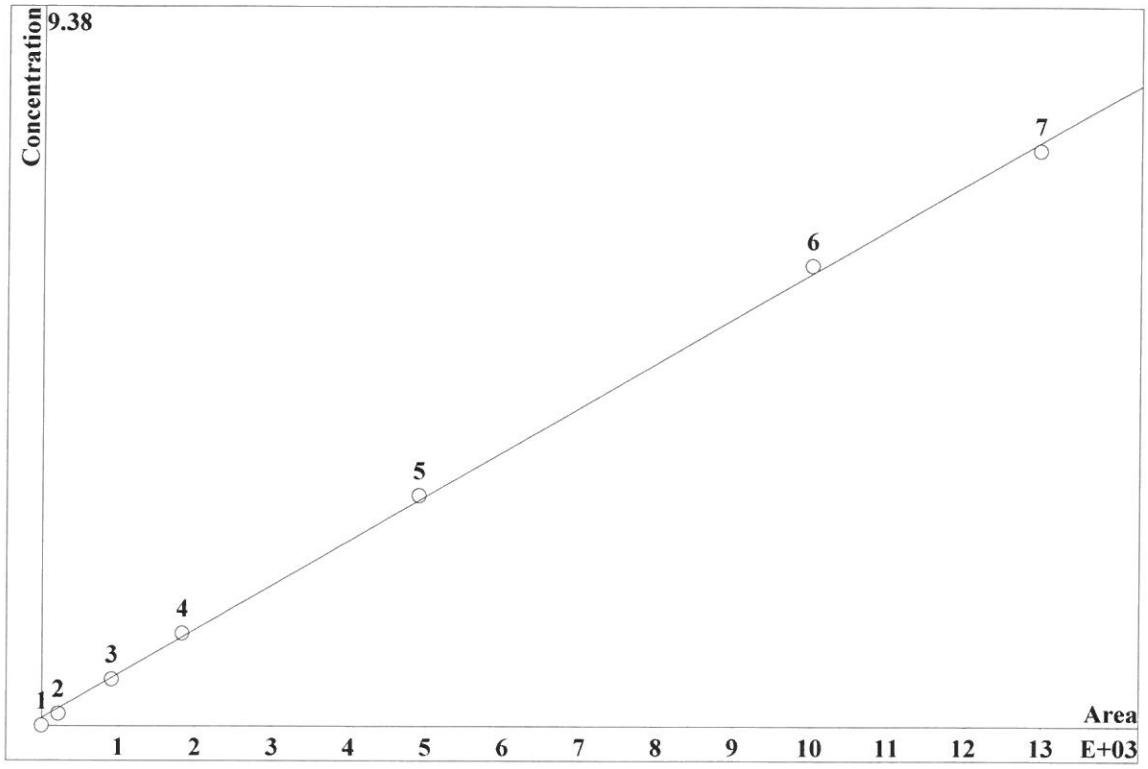
CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-100317.mtw
Equation: Q = 0.011577·A + 1.9701
RSD: 2.975 %
Correlation coefficient: 0.999639

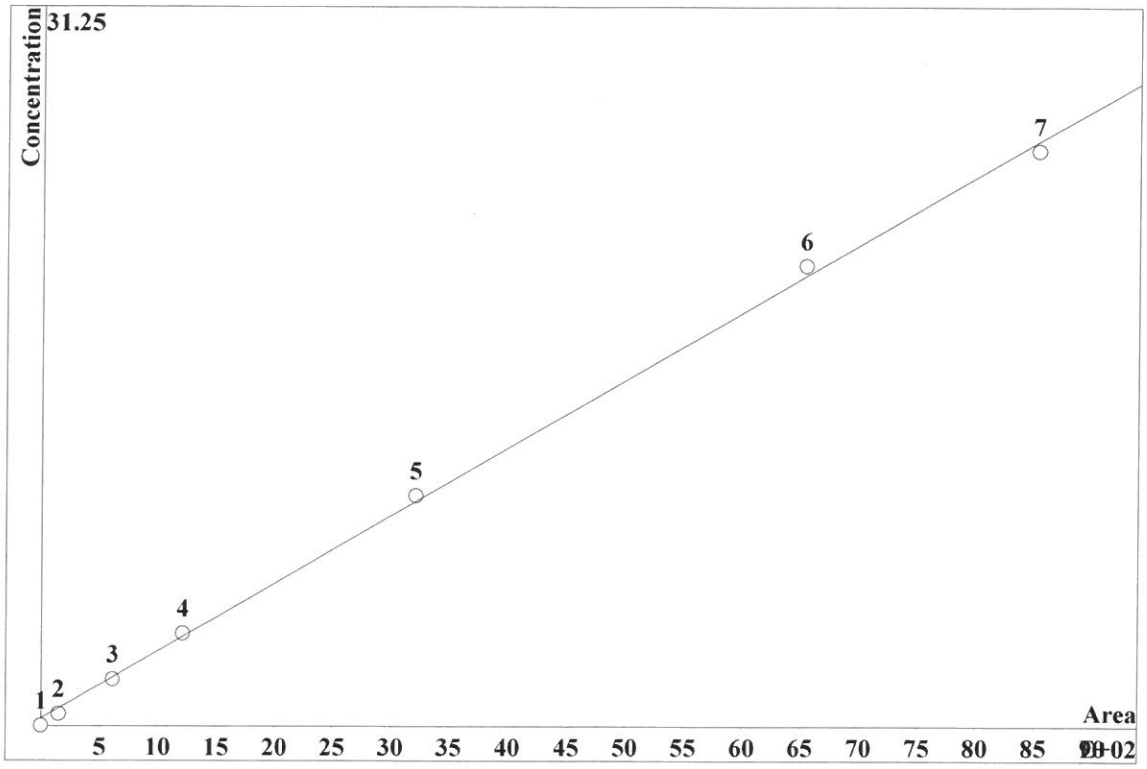



K3 = 0 K2 = 0 K1 = 0.011577 K0 = 1.9701
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | 0 |
| 2 | 13.41 | 220.1 | 0.15 | 20 | | | 11.13 |
| 3 | 55.33 | 911.4 | 0.6 | 20 | | | 11.13 |
| 4 | 112.8 | 1826 | 1.2 | 20 | | | 11.13 |
| 5 | 304.6 | 4908 | 3 | 20 | | | 11.13 |
| 6 | 625.8 | 1.002e+04 | 6 | 20 | | | 11.13 |
| 7 | 817.8 | 1.297e+04 | 7.5 | 20 | | | 11.13 |

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-100317.mtw
Equation: Q = 0.058893·A + 6.16767
RSD: 3.512 %
Correlation coefficient: 0.999496

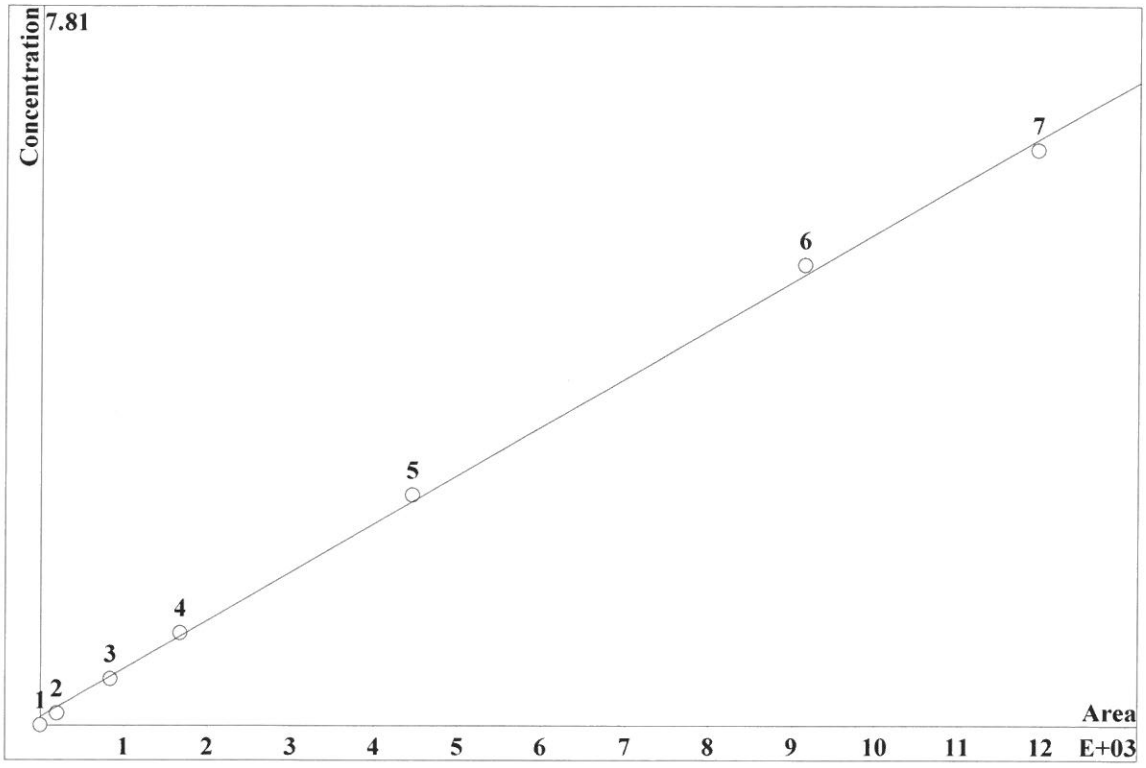



K3 = 0 K2 = 0 K1 = 0.058893 K0 = 6.16767
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | 0 |
| 2 | 7.114 | 154.9 | 0.5 | 20 | | | 14.57 |
| 3 | 29.1 | 609.9 | 2 | 20 | | | 14.57 |
| 4 | 58.43 | 1212 | 4 | 20 | | | 14.57 |
| 5 | 156.8 | 3209 | 10 | 20 | | | 14.57 |
| 6 | 323.8 | 6542 | 20 | 20 | | | 14.57 |
| 7 | 424.3 | 8529 | 25 | 20 | | | 14.57 |

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-100317.mtw
Equation: Q = 0.0104985·A + 1.79943
RSD: 3.707 %
Correlation coefficient: 0.999439




K3 = 0 K2 = 0 K1 = 0.0104985 K0 = 1.79943
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | 0 |
| 2 | 8.36 | 204.4 | 0.125 | 20 | | | 17.32 |
| 3 | 34.81 | 837.6 | 0.5 | 20 | | | 17.32 |
| 4 | 69.77 | 1670 | 1 | 20 | | | 17.32 |
| 5 | 185.8 | 4455 | 2.5 | 20 | | | 17.32 |
| 6 | 378.3 | 9149 | 5 | 20 | | | 17.32 |
| 7 | 491.2 | 1.195e+04 | 6.25 | 20 | | | 17.32 |

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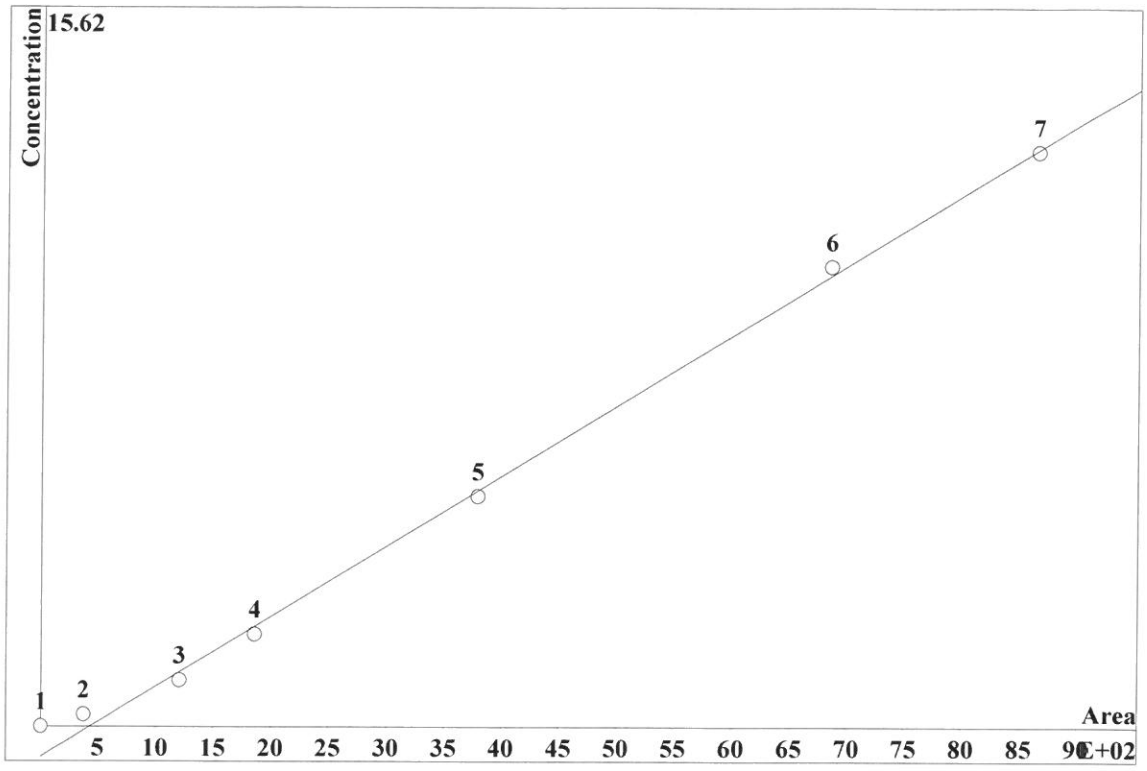
CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-100317.mtw
Equation: Q = 0.030542·A - 13.3006
RSD: 4.716 %
Correlation coefficient: 0.999092




K3 = 0 K2 = 0 K1 = 0.030542 K0 = -13.3006
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | 0 |
| 2 | 7.838 | 378.5 | 0.25 | 20 | | | 22.67 |
| 3 | 28.01 | 1210 | 1 | 20 | | | 22.67 |
| 4 | 44.3 | 1858 | 2 | 20 | | | 22.67 |
| 5 | 96.08 | 3791 | 5 | 20 | | | 22.67 |
| 6 | 181.8 | 6855 | 10 | 20 | | | 22.67 |
| 7 | 232.9 | 8656 | 12.5 | 20 | | | 22.67 |

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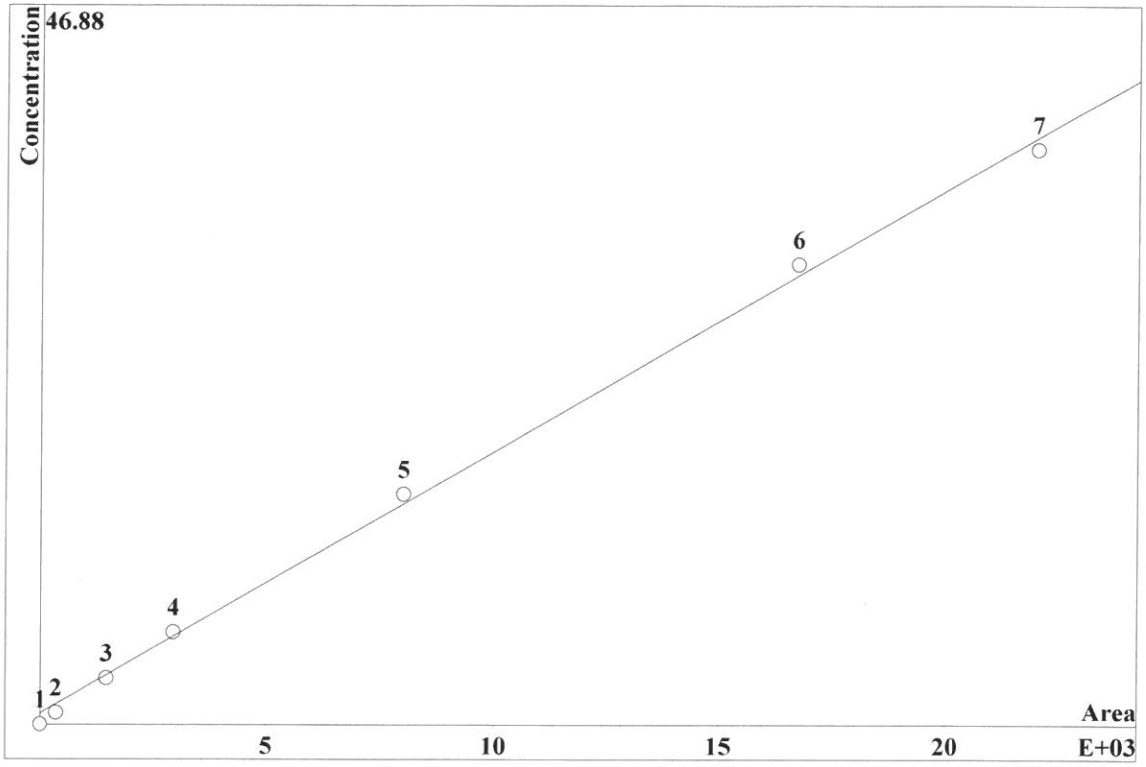
CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-100317.mtw
Equation: Q = 0.0341269·A + 14.3276
RSD: 4.539 %
Correlation coefficient: 0.999159




K3 = 0 K2 = 0 K1 = 0.0341269 K0 = 14.3276
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

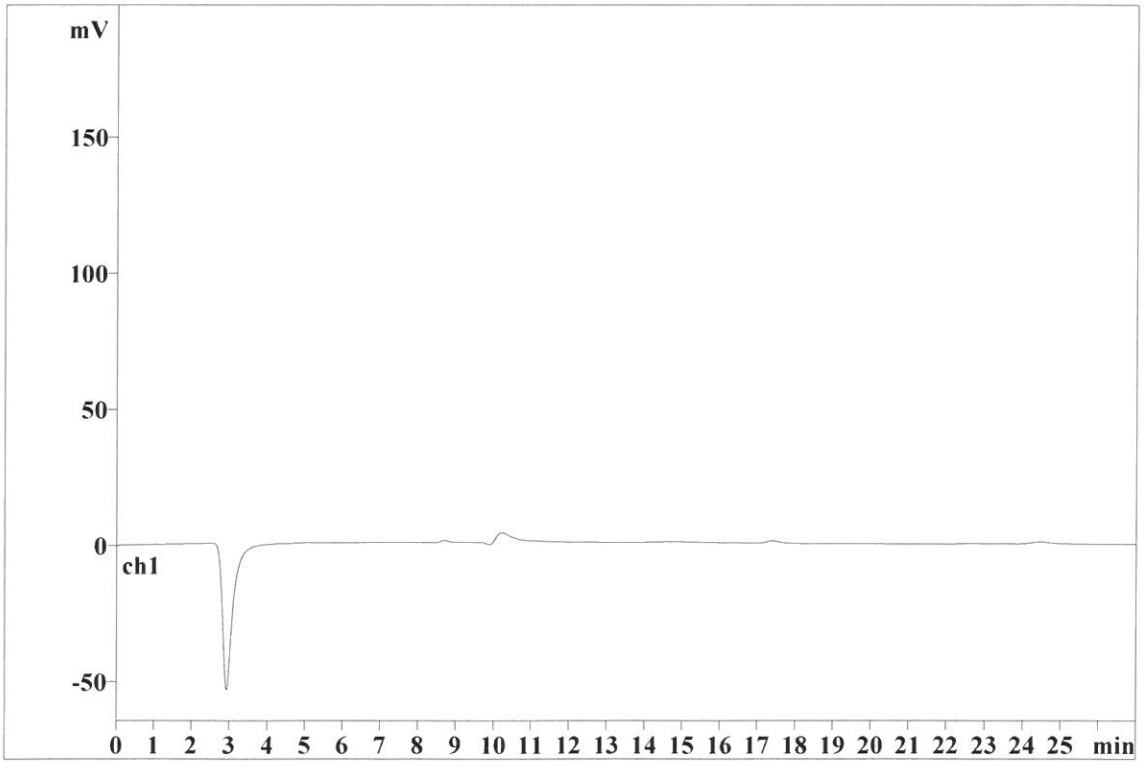
| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | 0 | |
| 2 | 11.66 | 361.8 | 0.75 | 20 | | 24.48 | |
| 3 | 47.1 | 1469 | 3 | 20 | | 24.48 | |
| 4 | 94.45 | 2948 | 6 | 20 | | 24.48 | |
| 5 | 256.7 | 8010 | 15 | 20 | | 24.48 | |
| 6 | 537.8 | 1.674e+04 | 30 | 20 | | 24.48 | |
| 7 | 704.5 | 2.201e+04 | 37.5 | 20 | | 24.48 | |

Report date: 10/5/2017 2:05:42 PM
Printed by: wet

Ident: STD1
Analysis from: 10/3/2017 12:48:44 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:08 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15324

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

No peaks

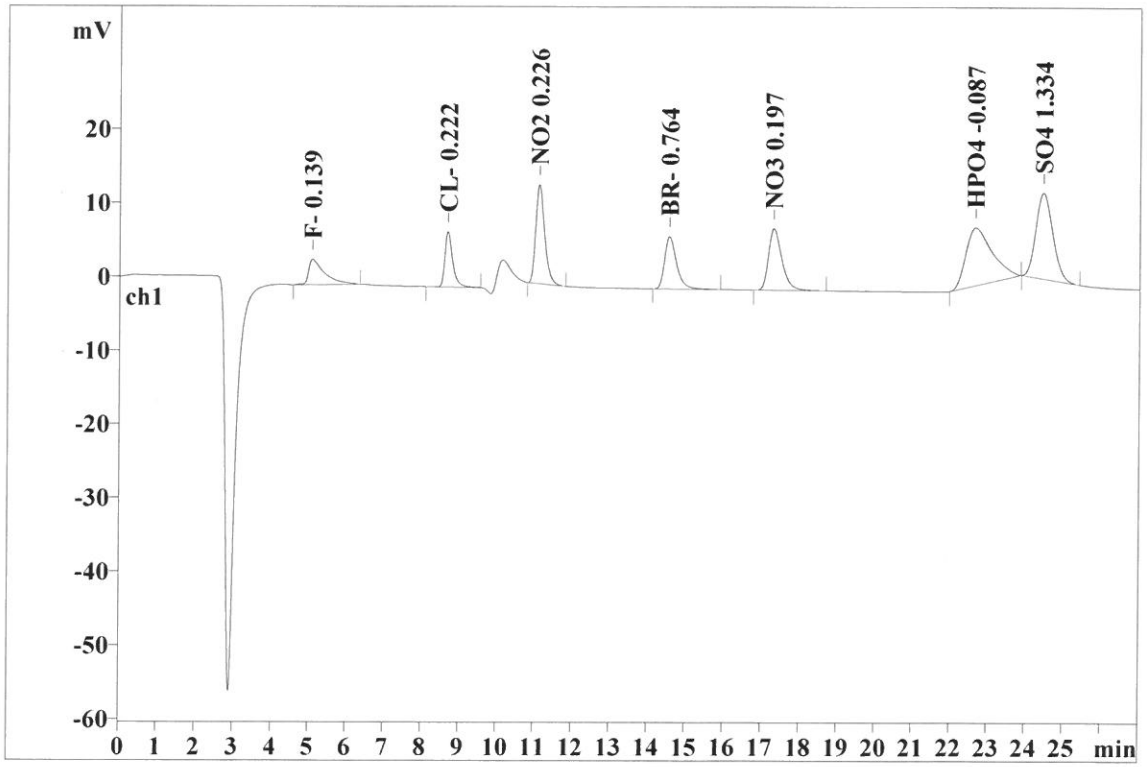
This report has been created by IC Net
METROHM LTD

Report date: 10/5/2017 2:05:49 PM
Printed by: wet

Ident: STD2
Analysis from: 10/3/2017 1:18:42 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:08 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15325

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.09 | 0.399 | 3.45 | 5.82 | 102.506 | 6.71 |
| 2 | 8.70 | 0.201 | 7.48 | 12.61 | 105.260 | 6.89 |
| 3 | 11.13 | 0.247 | 13.41 | 22.60 | 220.052 | 14.41 |
| 4 | 14.57 | 0.318 | 7.11 | 11.99 | 154.884 | 10.14 |
| 5 | 17.32 | 0.364 | 8.36 | 14.09 | 204.361 | 13.38 |
| 6 | 22.67 | 0.743 | 7.84 | 13.21 | 378.523 | 24.78 |
| 7 | 24.48 | 0.481 | 11.66 | 19.65 | 361.834 | 23.69 |
| 7 | 27.00 | 0.393 | 59.30 | 99.99 | 1527.419 | 100.00 |

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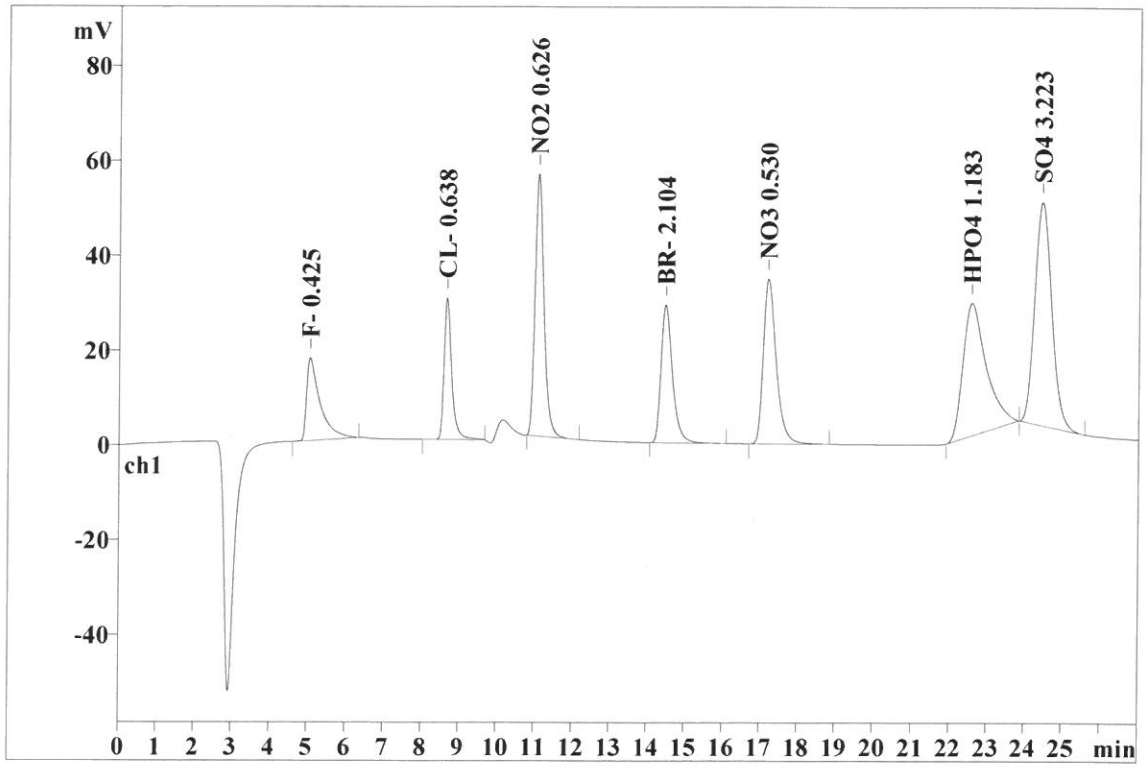
Report date: 10/5/2017 2:06:02 PM
Printed by: wet

Ident: STD3
Analysis from: 10/3/2017 1:48:39 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:08 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15326

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.07 | 0.331 | 17.44 | 7.22 | 428.416 | 7.28 |
| 2 | 8.67 | 0.199 | 29.88 | 12.36 | 421.240 | 7.15 |
| 3 | 11.10 | 0.246 | 55.33 | 22.89 | 911.385 | 15.48 |
| 4 | 14.49 | 0.309 | 29.10 | 12.04 | 609.939 | 10.36 |
| 5 | 17.22 | 0.357 | 34.80 | 14.40 | 837.586 | 14.23 |
| 6 | 22.59 | 0.638 | 28.01 | 11.59 | 1209.900 | 20.55 |
| 7 | 24.48 | 0.480 | 47.10 | 19.49 | 1469.201 | 24.95 |
| 7 | 27.00 | 0.366 | 241.66 | 100.00 | 5887.668 | 100.00 |

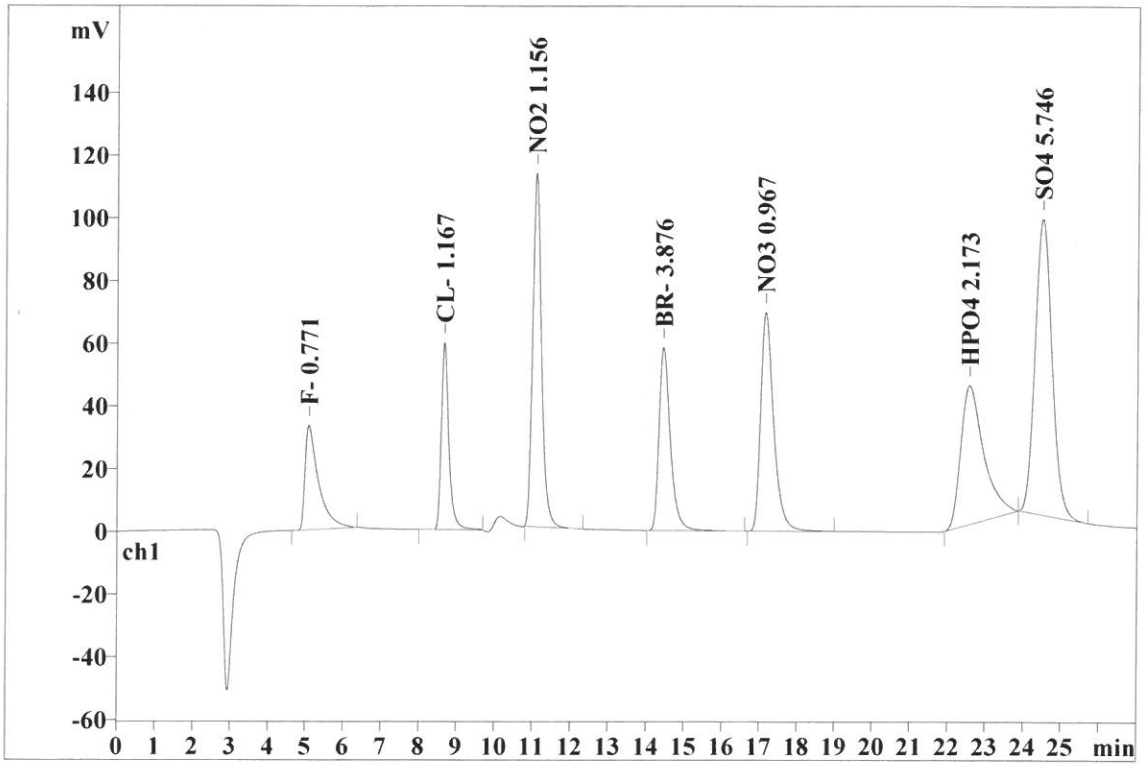
This report has been created by IC Net
METROHM LTD

Report date: 10/5/2017 2:06:07 PM
Printed by: wet

Ident: STD4
Analysis from: 10/3/2017 2:18:37 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:08 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15327

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.09 | 0.340 | 33.32 | 7.05 | 823.116 | 7.38 |
| 2 | 8.67 | 0.197 | 59.68 | 12.62 | 823.600 | 7.38 |
| 3 | 11.09 | 0.242 | 112.76 | 23.85 | 1826.233 | 16.36 |
| 4 | 14.45 | 0.305 | 58.43 | 12.36 | 1211.572 | 10.86 |
| 5 | 17.16 | 0.354 | 69.77 | 14.76 | 1670.150 | 14.96 |
| 6 | 22.58 | 0.615 | 44.30 | 9.37 | 1858.474 | 16.65 |
| 7 | 24.51 | 0.479 | 94.45 | 19.98 | 2947.672 | 26.41 |
| 7 | 27.00 | 0.362 | 472.70 | 100.00 | 11160.817 | 100.00 |

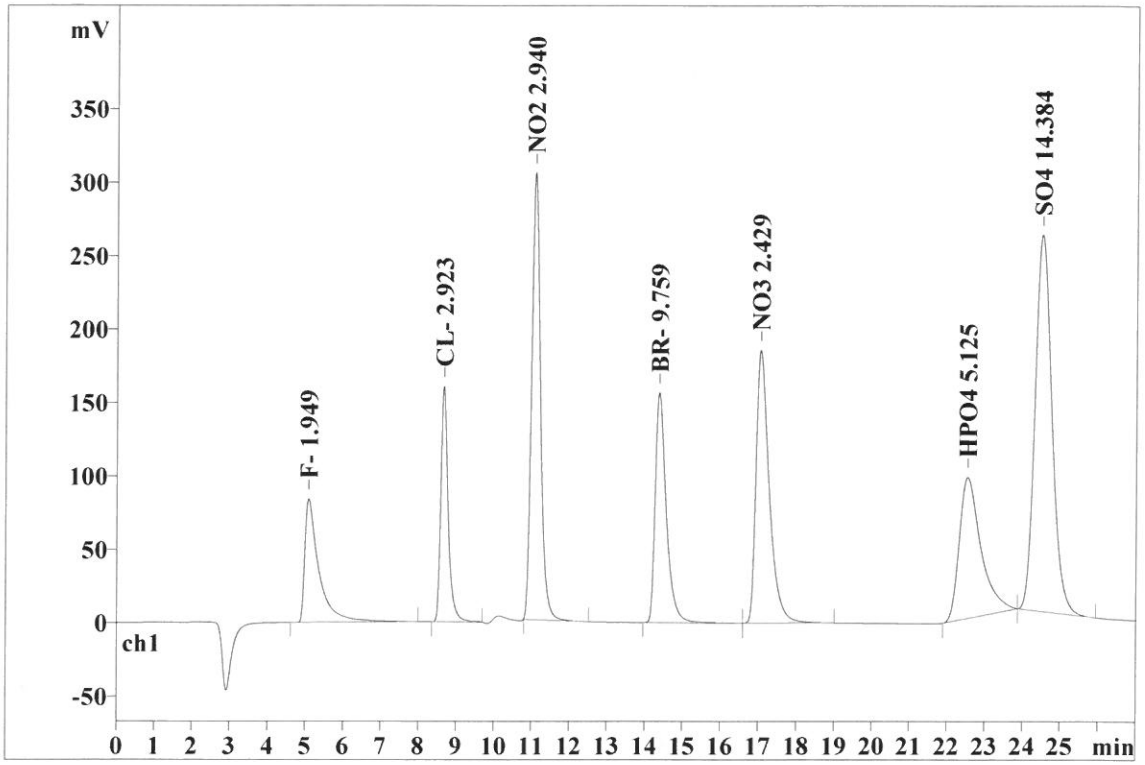
This report has been created by IC Net
METROHM LTD

Report date: 10/5/2017 2:06:13 PM
Printed by: wet

Ident: STD5
Analysis from: 10/3/2017 2:48:36 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:08 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15328

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.09 | 0.332 | 84.28 | 6.77 | 2167.521 | 7.55 |
| 2 | 8.67 | 0.192 | 160.51 | 12.89 | 2159.629 | 7.52 |
| 3 | 11.09 | 0.239 | 304.63 | 24.47 | 4908.331 | 17.10 |
| 4 | 14.40 | 0.299 | 156.82 | 12.60 | 3209.369 | 11.18 |
| 5 | 17.06 | 0.352 | 185.83 | 14.93 | 4455.471 | 15.52 |
| 6 | 22.55 | 0.573 | 96.08 | 7.72 | 3791.316 | 13.21 |
| 7 | 24.53 | 0.475 | 256.65 | 20.62 | 8009.905 | 27.91 |
| 7 | 27.00 | 0.352 | 1244.80 | 100.00 | 28701.542 | 100.00 |

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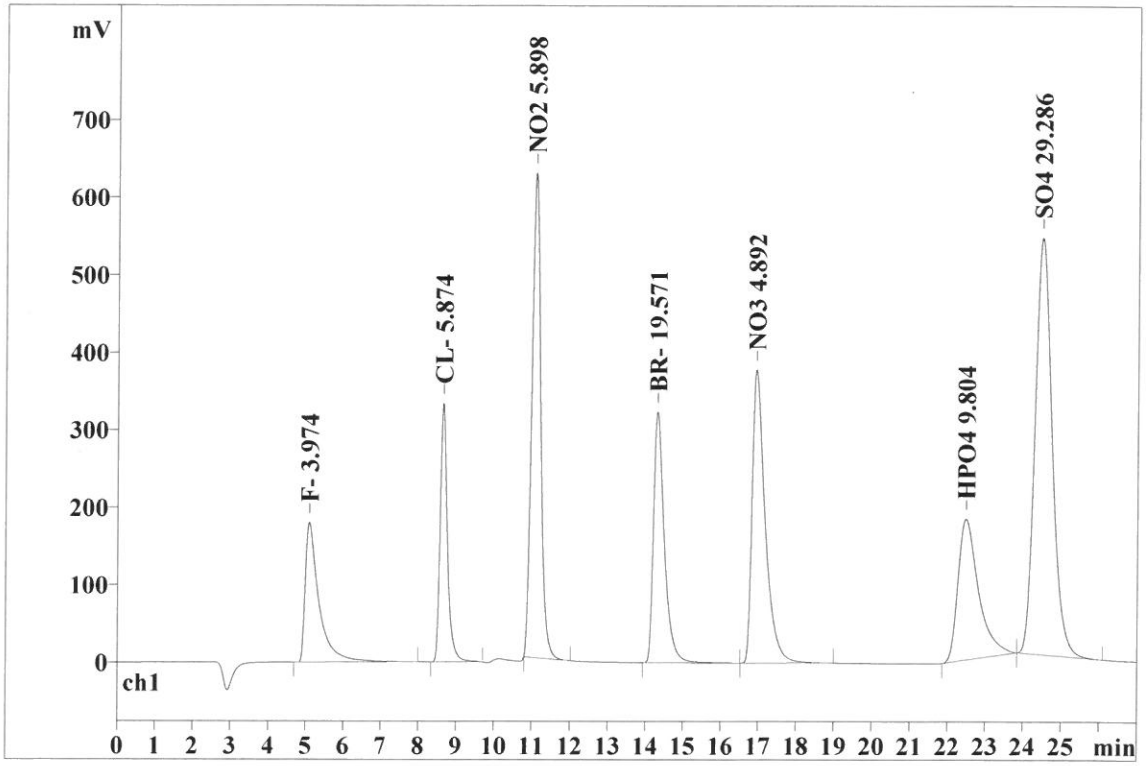
Report date: 10/5/2017 2:06:19 PM
Printed by: wet

Ident: STD6
Analysis from: 10/3/2017 3:18:34 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:08 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15329

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.09 | 0.325 | 180.21 | 7.04 | 4477.684 | 7.69 |
| 2 | 8.65 | 0.189 | 333.66 | 13.03 | 4405.095 | 7.57 |
| 3 | 11.09 | 0.241 | 625.81 | 24.43 | 10018.731 | 17.22 |
| 4 | 14.32 | 0.295 | 323.76 | 12.64 | 6541.719 | 11.24 |
| 5 | 16.94 | 0.353 | 378.26 | 14.77 | 9148.547 | 15.72 |
| 6 | 22.49 | 0.546 | 181.82 | 7.10 | 6855.369 | 11.78 |
| 7 | 24.50 | 0.472 | 537.83 | 21.00 | 16743.076 | 28.77 |
| 7 | 27.00 | 0.346 | 2561.36 | 100.00 | 58190.221 | 100.00 |

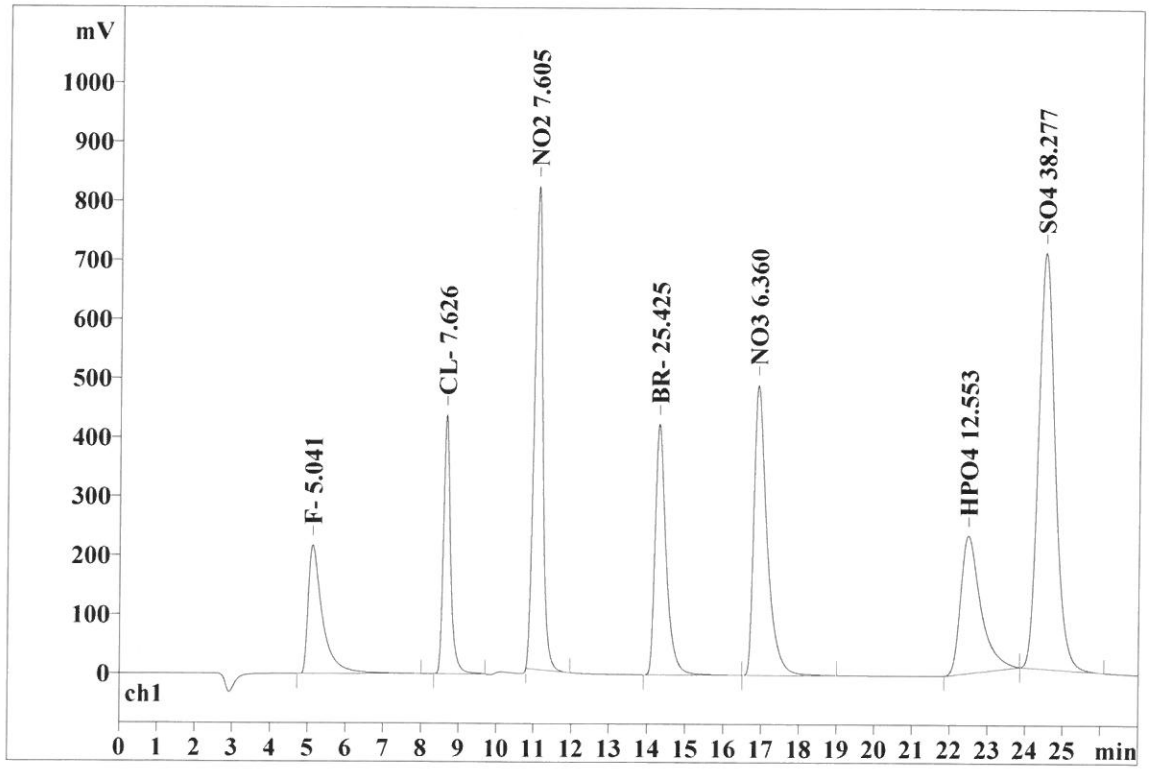
This report has been created by IC Net
METROHM LTD

Report date: 10/5/2017 2:06:23 PM
Printed by: wet

Ident: STD7
Analysis from: 10/3/2017 3:48:32 PM
File: _2017-10-03_ Last save: 10/3/2017 4:38:09 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15330

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.12 | 0.353 | 217.80 | 6.55 | 5694.622 | 7.54 |
| 2 | 8.66 | 0.187 | 438.60 | 13.18 | 5737.985 | 7.60 |
| 3 | 11.09 | 0.240 | 817.83 | 24.58 | 12967.645 | 17.17 |
| 4 | 14.29 | 0.292 | 424.31 | 12.75 | 8529.485 | 11.29 |
| 5 | 16.89 | 0.354 | 491.22 | 14.76 | 11945.502 | 15.81 |
| 6 | 22.48 | 0.538 | 232.87 | 7.00 | 8655.516 | 11.46 |
| 7 | 24.51 | 0.472 | 704.52 | 21.17 | 22012.206 | 29.14 |
| 7 | 27.00 | 0.348 | 3327.15 | 100.00 | 75542.960 | 100.00 |

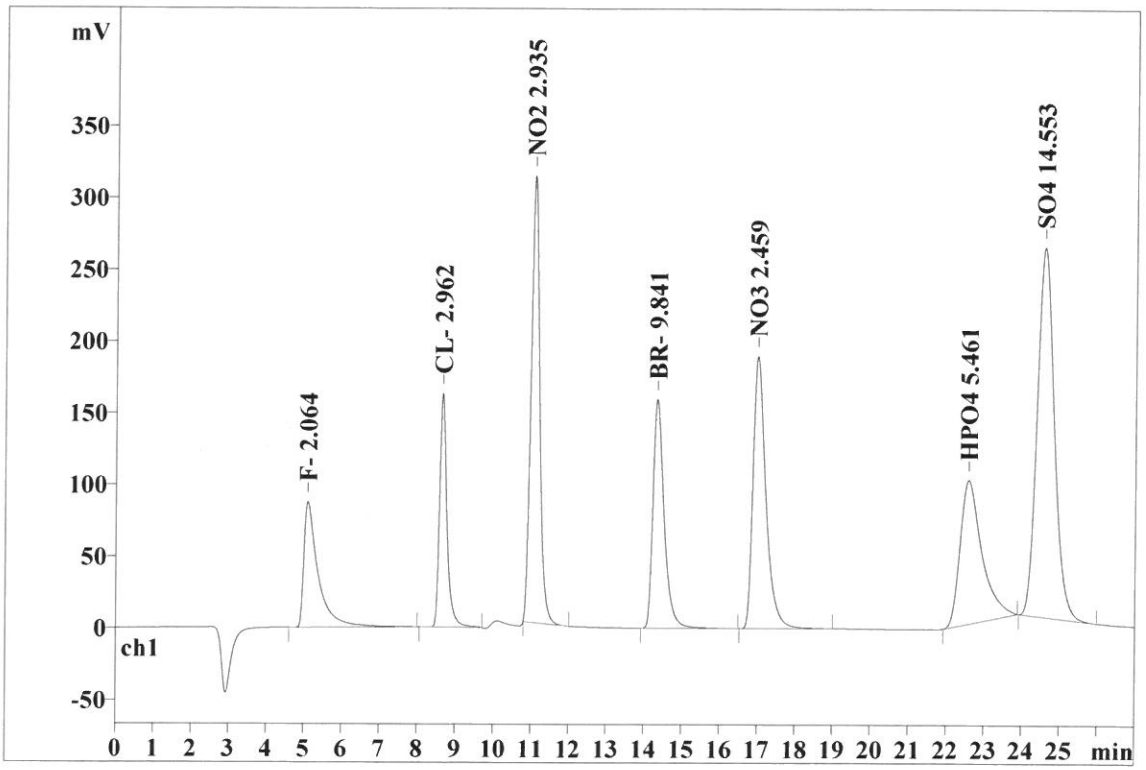
This report has been created by IC Net
METROHM LTD

Report date: 10/5/2017 2:11:57 PM
Printed by: wet

Ident: ICV
Analysis from: 10/3/2017 5:41:12 PM
File: _2017-10-03_ Last save: 10/5/2017 2:07:01 PM

Method: AnionsIC2-100317.mtw Last save: 10/3/2017 4:24:
Run operator: wet
Analysis number: 15333

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

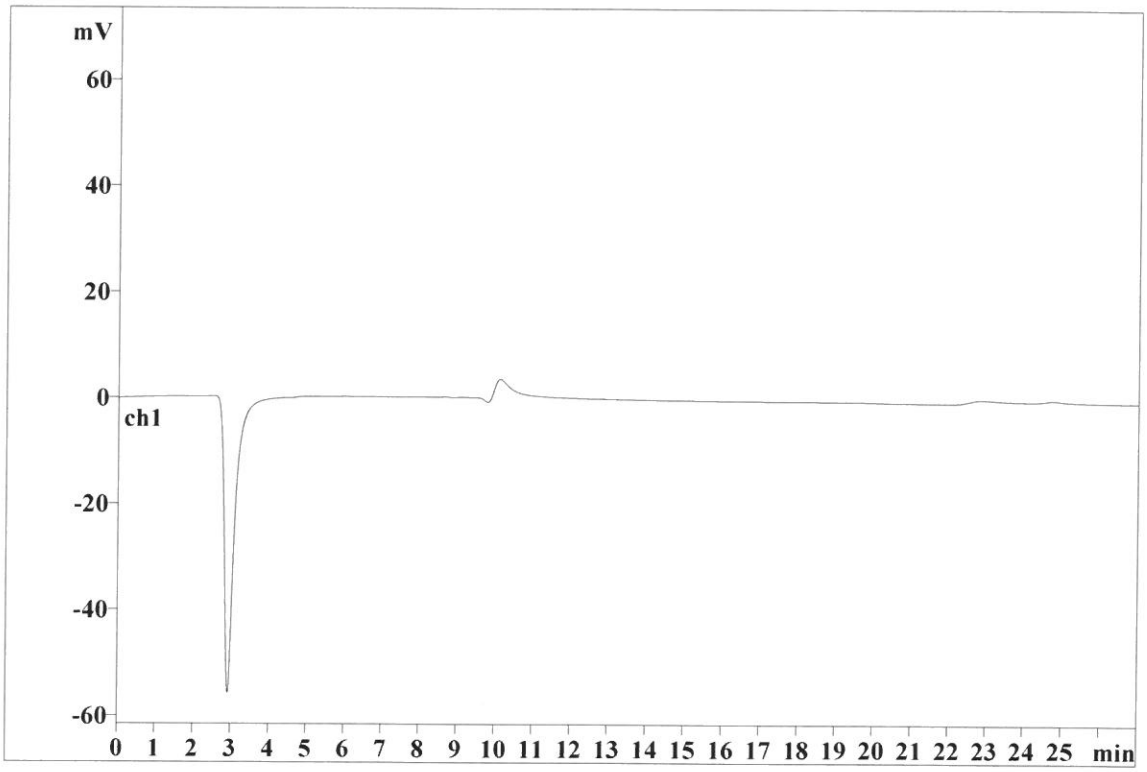
| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.10 | 0.343 | 87.59 | 6.90 | 2298.307 | 7.86 |
| 2 | 8.66 | 0.191 | 163.01 | 12.84 | 2189.463 | 7.48 |
| 3 | 11.07 | 0.236 | 311.73 | 24.55 | 4900.246 | 16.75 |
| 4 | 14.34 | 0.297 | 159.53 | 12.57 | 3237.170 | 11.06 |
| 5 | 16.99 | 0.349 | 189.78 | 14.95 | 4512.352 | 15.42 |
| 6 | 22.59 | 0.582 | 100.22 | 7.89 | 4011.409 | 13.71 |
| 7 | 24.60 | 0.479 | 257.75 | 20.30 | 8108.836 | 27.72 |
| 7 | 27.00 | 0.354 | 1269.61 | 100.00 | 29257.783 | 100.00 |

This report has been created by IC Net
METROHM LTD

| | |
|---|---|
| Report date: | 10/5/2017 2:12:05 PM |
| Printed by: | wet |
| Ident: | ICB |
| Analysis from: | 10/3/2017 6:11:10 PM |
| File: | _2017-10-03_ Last save: 10/5/2017 2:07:01 PM |
| Method: | AnionsIC2-100317.mtw Last save: 10/3/2017 4:24: |
| Run operator: | wet |
| Analysis number: | 15334 |

SAMPLE:

| | |
|---|---|
| : | AK/AP |
| Vial number: | 12 |
| Volume: | 20.0 µL |
| Dilution: | 1.00 |
| Amount: | 1.0000 |




Quantitation method: Custom

No peaks

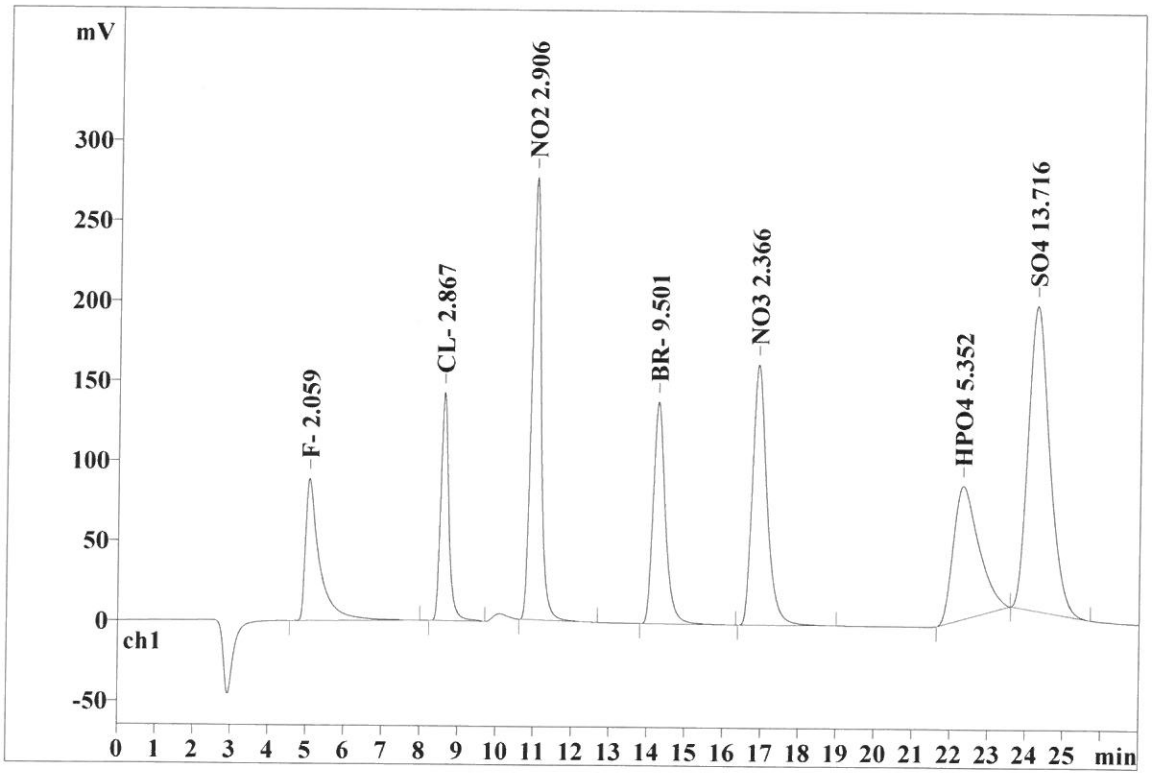
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:43:20 AM
Printed by: wet

Ident: CCV
Analysis from: 10/25/2017 3:22:13 PM
File: _2017-10-25_ Last save: 10/25/2017 3:49:13 PM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15516

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

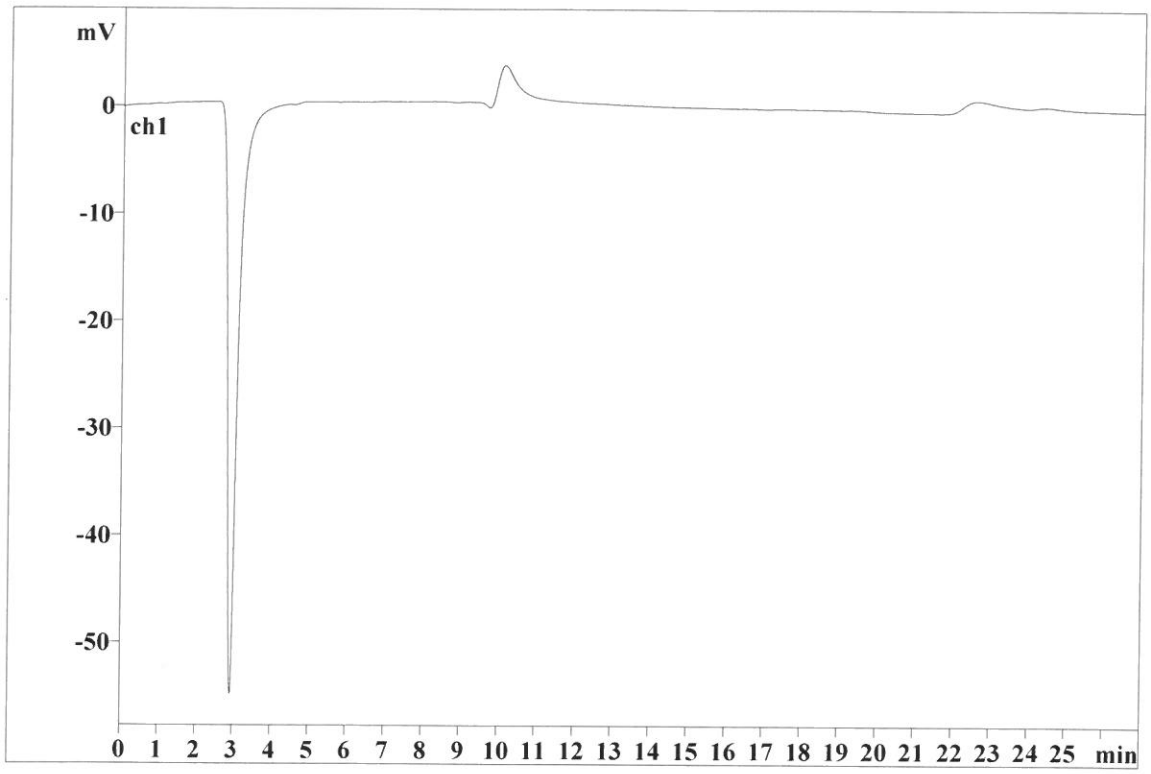
| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.07 | 0.330 | 88.69 | 8.19 | 2292.063 | 8.11 |
| 2 | 8.61 | 0.216 | 142.51 | 13.16 | 2117.395 | 7.49 |
| 3 | 11.00 | 0.262 | 276.31 | 25.53 | 4849.543 | 17.15 |
| 4 | 14.26 | 0.333 | 138.49 | 12.79 | 3121.805 | 11.04 |
| 5 | 16.90 | 0.394 | 162.63 | 15.02 | 4336.678 | 15.34 |
| 6 | 22.31 | 0.732 | 83.34 | 7.70 | 3940.040 | 13.93 |
| 7 | 24.26 | 0.615 | 190.47 | 17.60 | 7618.196 | 26.94 |
| 7 | 27.00 | 0.412 | 1082.44 | 100.00 | 28275.719 | 100.00 |

This report has been created by IC Net
METROHM LTD

| | | | |
|---|---|---|---|
| Report date: | 10/26/2017 8:43:27 AM | | |
| Printed by: | wet | | |
| Ident: | CCB | | |
| Analysis from: | 10/25/2017 3:53:17 PM | | |
| File: | _2017-10-25_ | Last save: | 10/26/2017 8:35:43 AM |
| Method: | AnionsIC2-100317.mtw | Last save: | 10/24/2017 2:46 |
| Run operator: | wet | | |
| Analysis number: | 15517 | | |

SAMPLE:

| | |
|---|---|
| : | AK/AP |
| Vial number: | 3 |
| Volume: | 20.0 µL |
| Dilution: | 1.00 |
| Amount: | 1.0000 |




Quantitation method: Custom

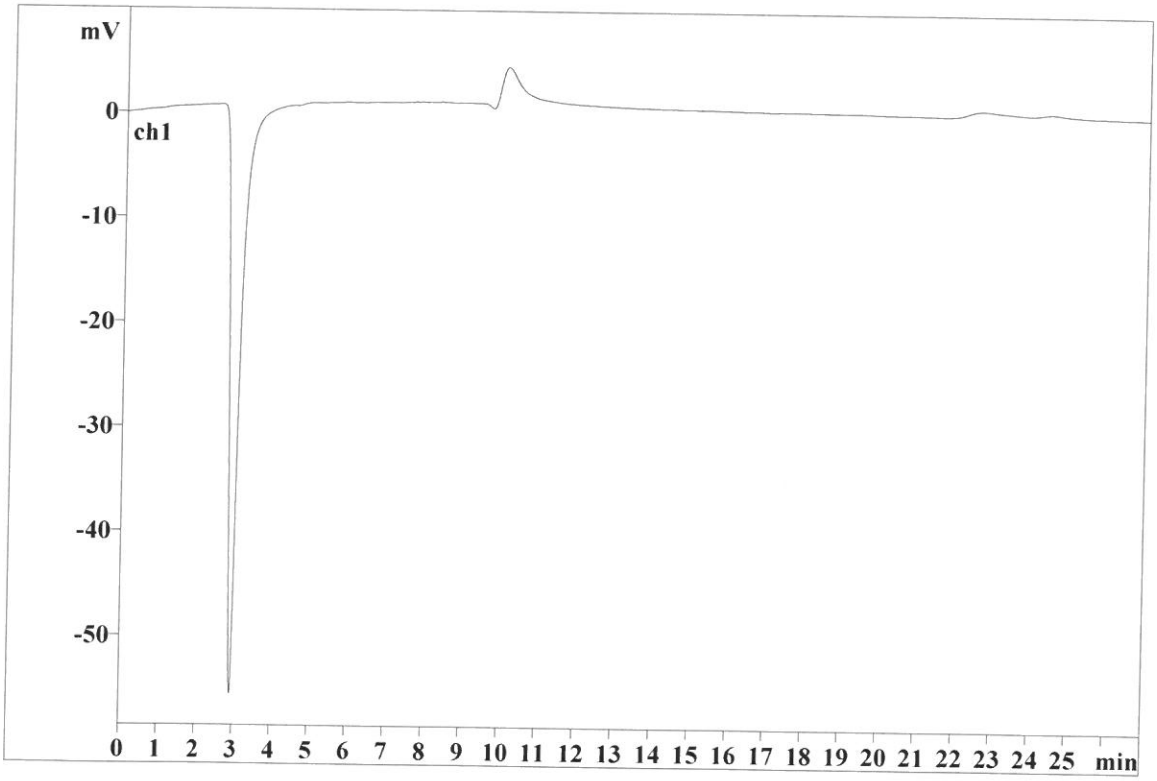
No peaks

This report has been created by IC Net
METROHM LTD

| | | |
|---|---|---|
| Report date: | 10/26/2017 8:43:33 AM | |
| Printed by: | wet | |
| Ident: | LB91110BLW | |
| Analysis from: | 10/25/2017 4:23:15 PM | |
| File: | _2017-10-25_ | Last save: 10/26/2017 8:42:43 AM |
| Method: | AnionsIC2-100317.mtw | Last save: 10/24/2017 2:46 |
| Run operator: | wet | |
| Analysis number: | 15518 | |

SAMPLE:

| | |
|---|---|
| : | AK/AP |
| Vial number: | 4 |
| Volume: | 20.0 µL |
| Dilution: | 1.00 |
| Amount: | 1.0000 |




Quantitation method: Custom

No peaks

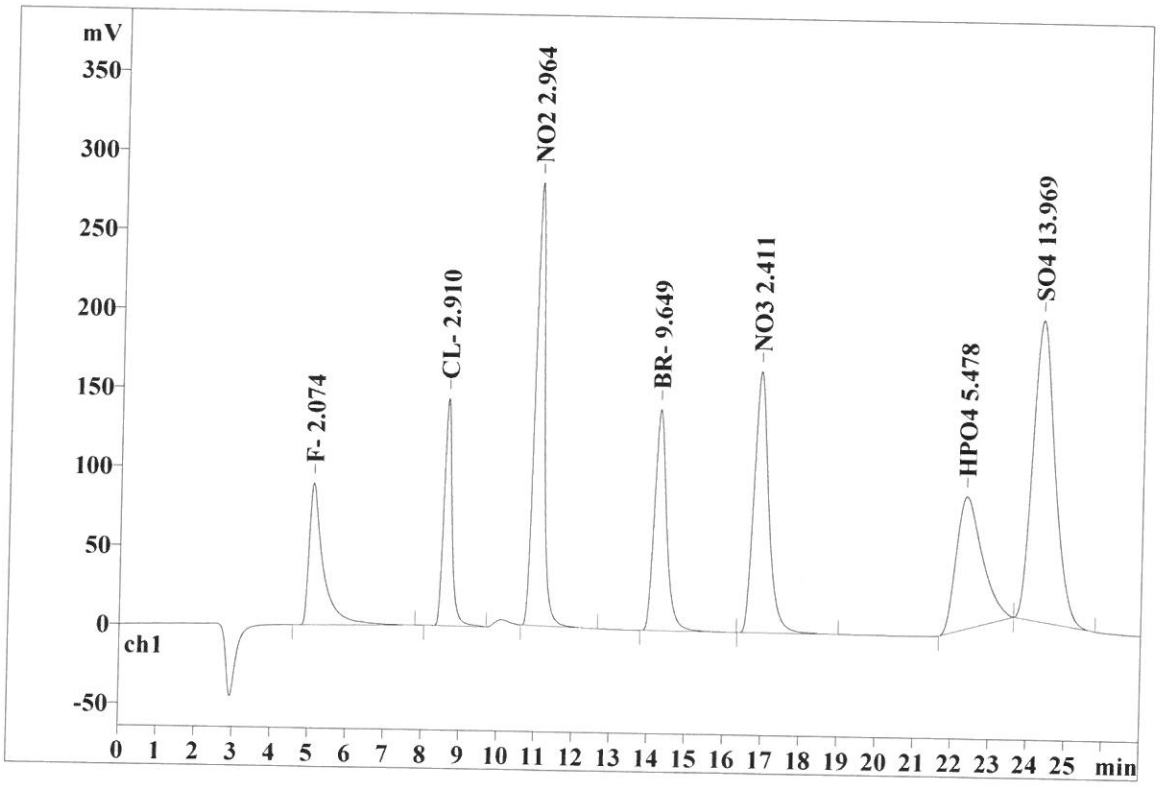
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:43:48 AM
Printed by: wet

Ident: LB91110BSW
Analysis from: 10/25/2017 4:53:13 PM
File: _2017-10-25_ Last save: 10/26/2017 8:42:43 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15519

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.08 | 0.330 | 89.69 | 8.21 | 2310.227 | 8.02 |
| 2 | 8.61 | 0.218 | 143.82 | 13.16 | 2150.084 | 7.47 |
| 3 | 11.01 | 0.264 | 280.20 | 25.64 | 4950.958 | 17.19 |
| 4 | 14.25 | 0.335 | 139.98 | 12.81 | 3172.009 | 11.02 |
| 5 | 16.88 | 0.396 | 165.10 | 15.11 | 4422.038 | 15.36 |
| 6 | 22.34 | 0.746 | 83.82 | 7.67 | 4022.938 | 13.97 |
| 7 | 24.31 | 0.629 | 190.32 | 17.41 | 7766.909 | 26.97 |
| 7 | 27.00 | 0.417 | 1092.93 | 100.00 | 28795.163 | 100.00 |

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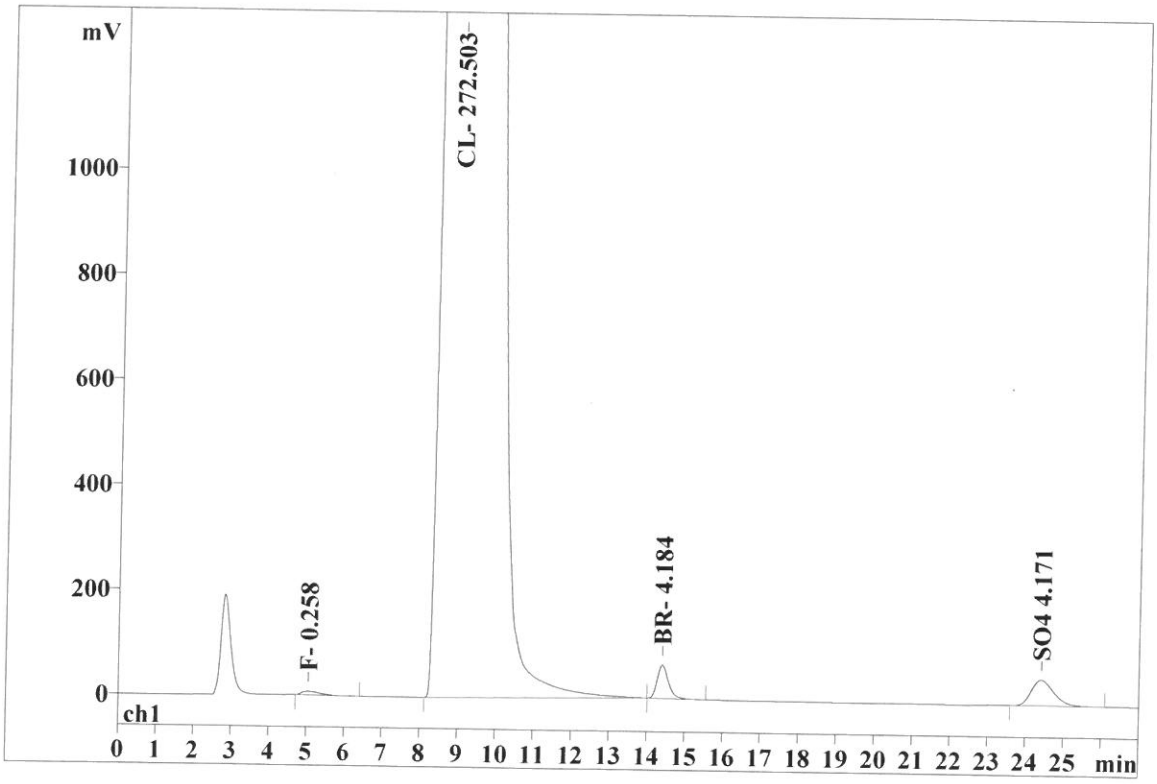
Report date: 10/26/2017 8:43:58 AM
Printed by: wet

Ident: I6108-03
Analysis from: 10/25/2017 5:28:26 PM
File: _2017-10-25_ Last save: 10/26/2017 8:32:50 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15520

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.05 | 0.537 | 6.94 | 0.34 | 237.867 | 0.11 |
| 2 | 8.95 | 1.710 | 1927.25 | 94.15 | 207250.132 | 98.30 |
| 3 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 4 | 14.40 | 0.313 | 63.44 | 3.10 | 1316.198 | 0.62 |
| 5 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 6 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 7 | 24.41 | 0.638 | 49.07 | 2.40 | 2024.591 | 0.96 |
| 7 | 27.00 | 0.457 | 2046.71 | 99.99 | 210828.787 | 100.00 |

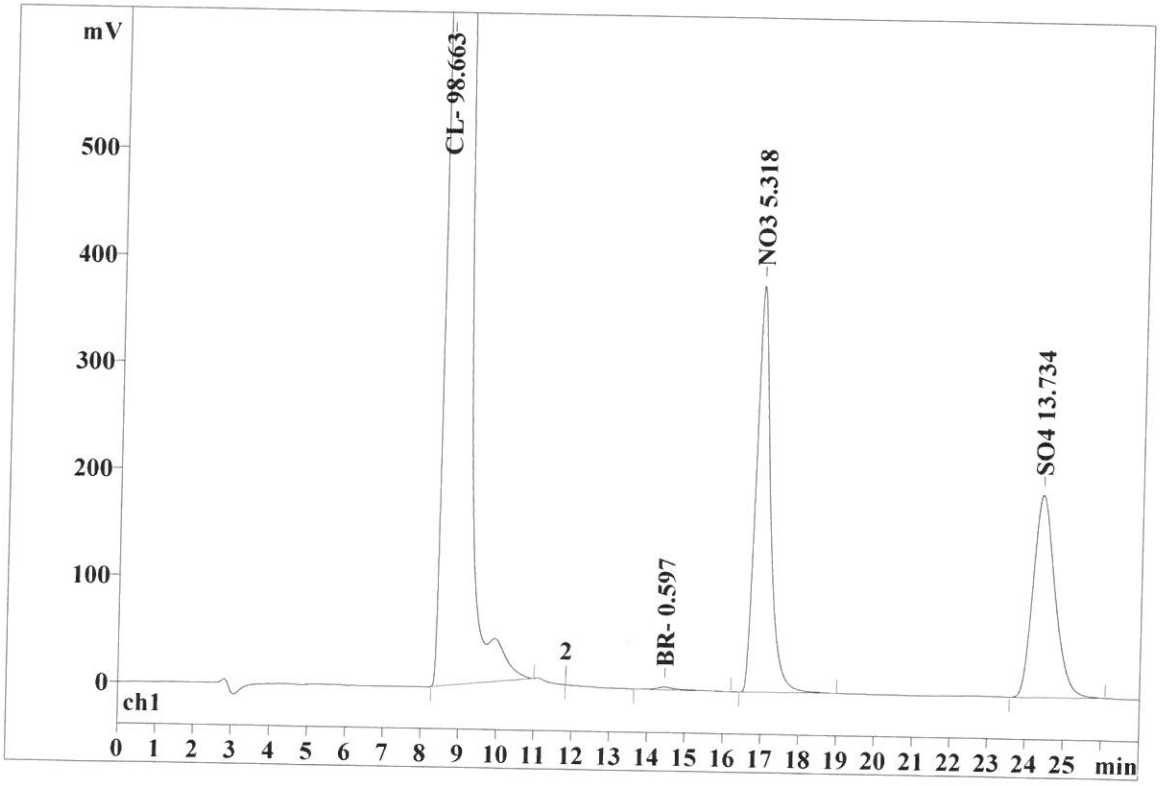
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:44:15 AM
Printed by: wet

Ident: I6108-02
Analysis from: 10/25/2017 5:58:26 PM
File: _2017-10-25_ Last save: 10/26/2017 8:32:51 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15521

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 2 | 8.57 | 0.579 | 1929.51 | 77.23 | 74996.420 | 80.92 |
| 3 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 4 | 14.45 | 0.429 | 2.67 | 0.11 | 98.074 | 0.11 |
| 5 | 16.91 | 0.382 | 379.79 | 15.20 | 9959.972 | 10.75 |
| 6 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 7 | 24.40 | 0.618 | 189.29 | 7.58 | 7629.013 | 8.23 |
| 7 | 27.00 | 0.287 | 2501.26 | 100.12 | 92683.478 | 100.00 |

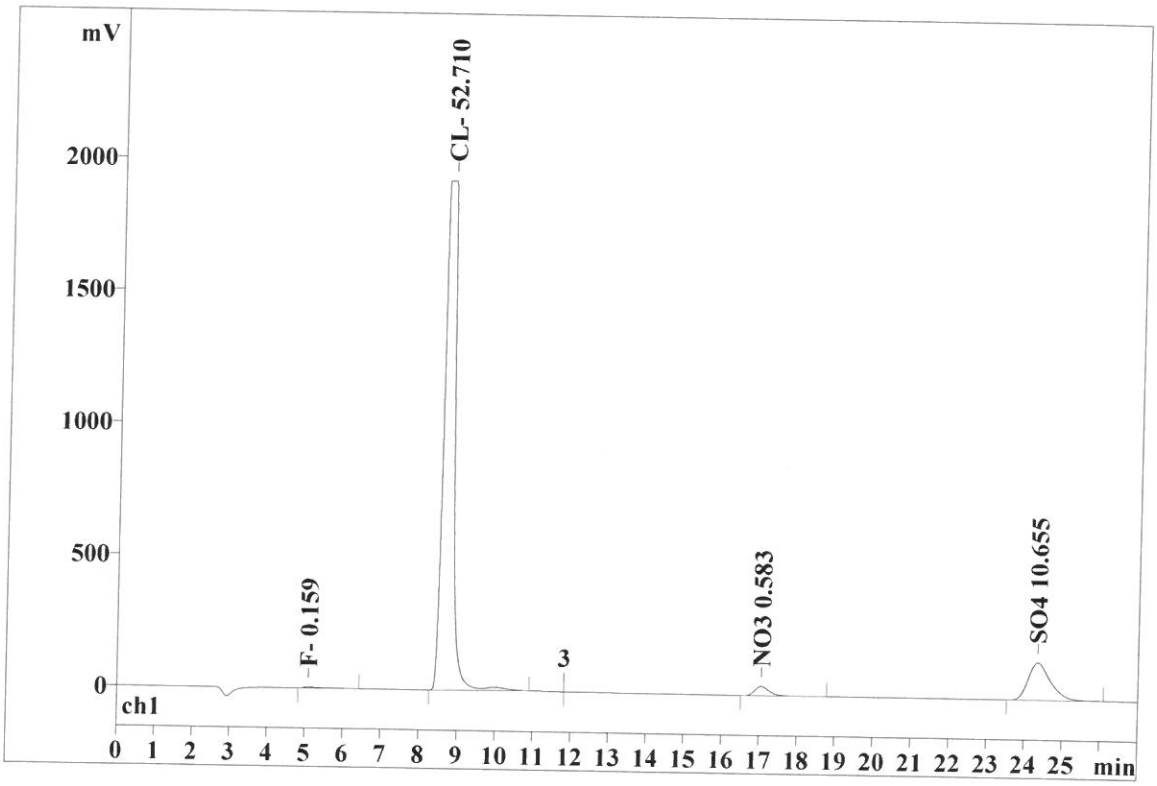
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:44:22 AM
Printed by: wet

Ident: I6108-06
Analysis from: 10/25/2017 6:28:24 PM
File: _2017-10-25_ Last save: 10/26/2017 8:32:51 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15522

SAMPLE:
:
Vial number: AK/AP
Volume: 11
Dilution: 20.0 µL
Amount: 1.00
1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.09 | 0.404 | 4.04 | 0.19 | 124.591 | 0.27 |
| 2 | 8.75 | 0.303 | 1929.55 | 91.65 | 40036.478 | 85.32 |
| 3 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 4 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 5 | 17.05 | 0.400 | 35.18 | 1.67 | 938.822 | 2.00 |
| 6 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 7 | 24.35 | 0.631 | 141.07 | 6.70 | 5824.615 | 12.41 |
| 7 | 27.00 | 0.248 | 2109.84 | 100.21 | 46924.504 | 100.00 |

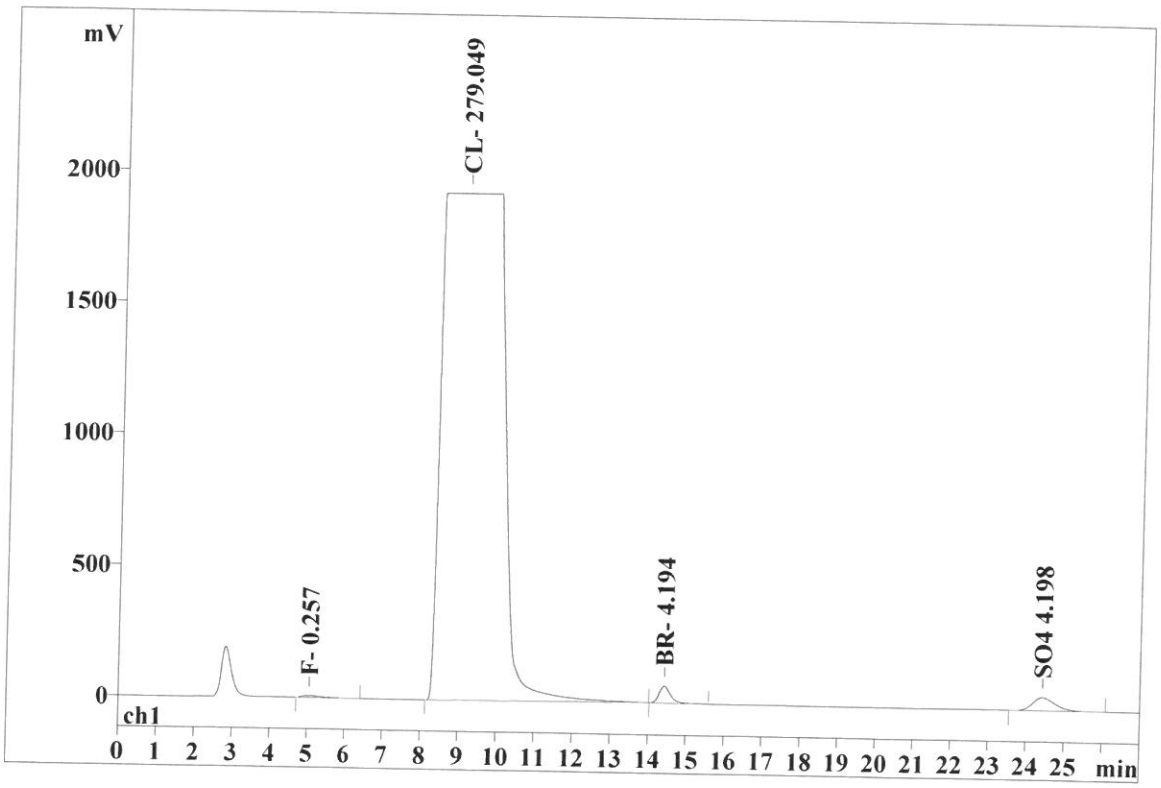
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:44:29 AM
Printed by: wet

Ident: I6108-03DUP
Analysis from: 10/25/2017 6:58:24 PM
File: _2017-10-25_ Last save: 10/26/2017 8:32:51 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15523

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.05 | 0.537 | 6.88 | 0.34 | 236.748 | 0.11 |
| 2 | 9.09 | 1.776 | 1926.68 | 94.12 | 212229.899 | 98.33 |
| 3 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 4 | 14.42 | 0.313 | 63.57 | 3.11 | 1319.574 | 0.61 |
| 5 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 6 | 0.00 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 |
| 7 | 24.44 | 0.632 | 49.67 | 2.43 | 2040.509 | 0.95 |
| 7 | 27.00 | 0.465 | 2046.81 | 99.99 | 215826.730 | 100.00 |

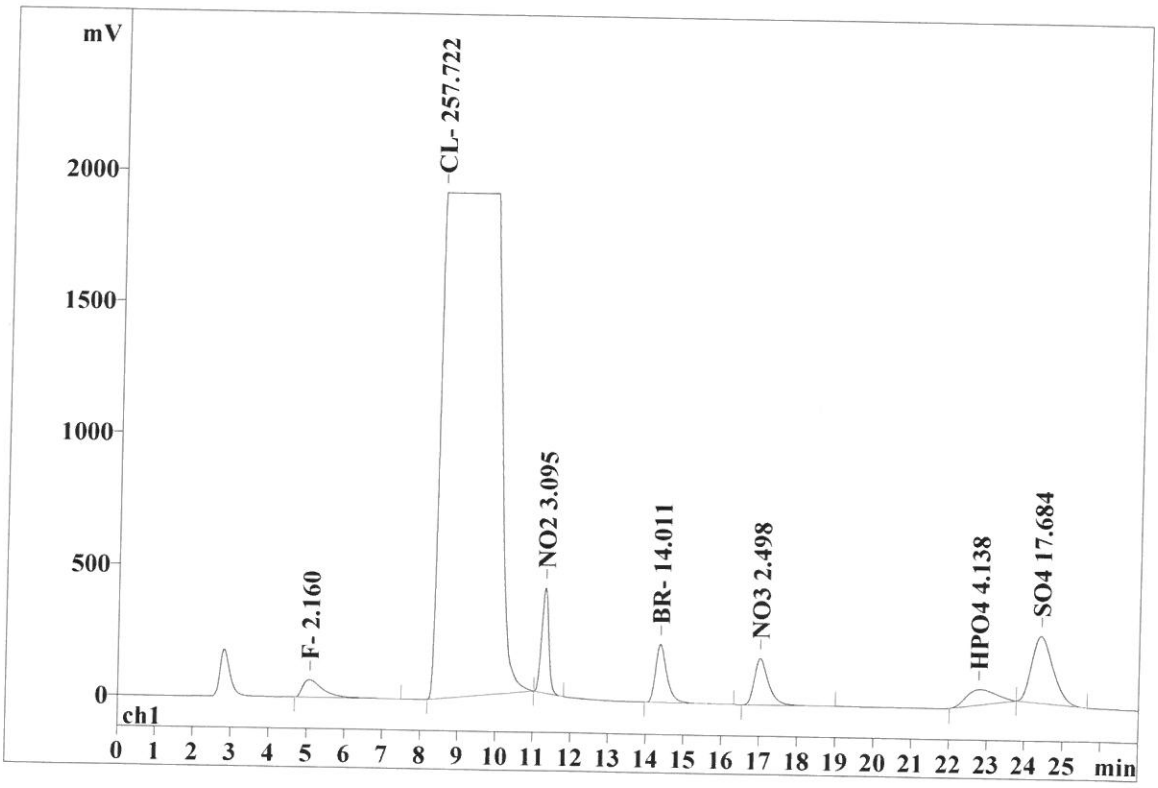
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:44:57 AM
Printed by: wet

Ident: I6108-04MS
Analysis from: 10/25/2017 7:28:23 PM
File: _2017-10-25_ Last save: 10/26/2017 8:32:51 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15524

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.07 | 0.538 | 65.86 | 2.13 | 2407.618 | 1.07 |
| 2 | 8.46 | 1.674 | 1929.46 | 62.27 | 196005.048 | 86.76 |
| 3 | 11.30 | 0.201 | 398.92 | 12.88 | 5177.066 | 2.29 |
| 4 | 14.37 | 0.310 | 221.30 | 7.14 | 4653.537 | 2.06 |
| 5 | 17.01 | 0.386 | 176.50 | 5.70 | 4587.279 | 2.03 |
| 6 | 22.77 | 0.887 | 58.81 | 1.90 | 3145.428 | 1.39 |
| 7 | 24.41 | 0.612 | 254.16 | 8.20 | 9943.785 | 4.40 |
| 7 | 27.00 | 0.658 | 3105.01 | 100.22 | 225919.761 | 100.00 |

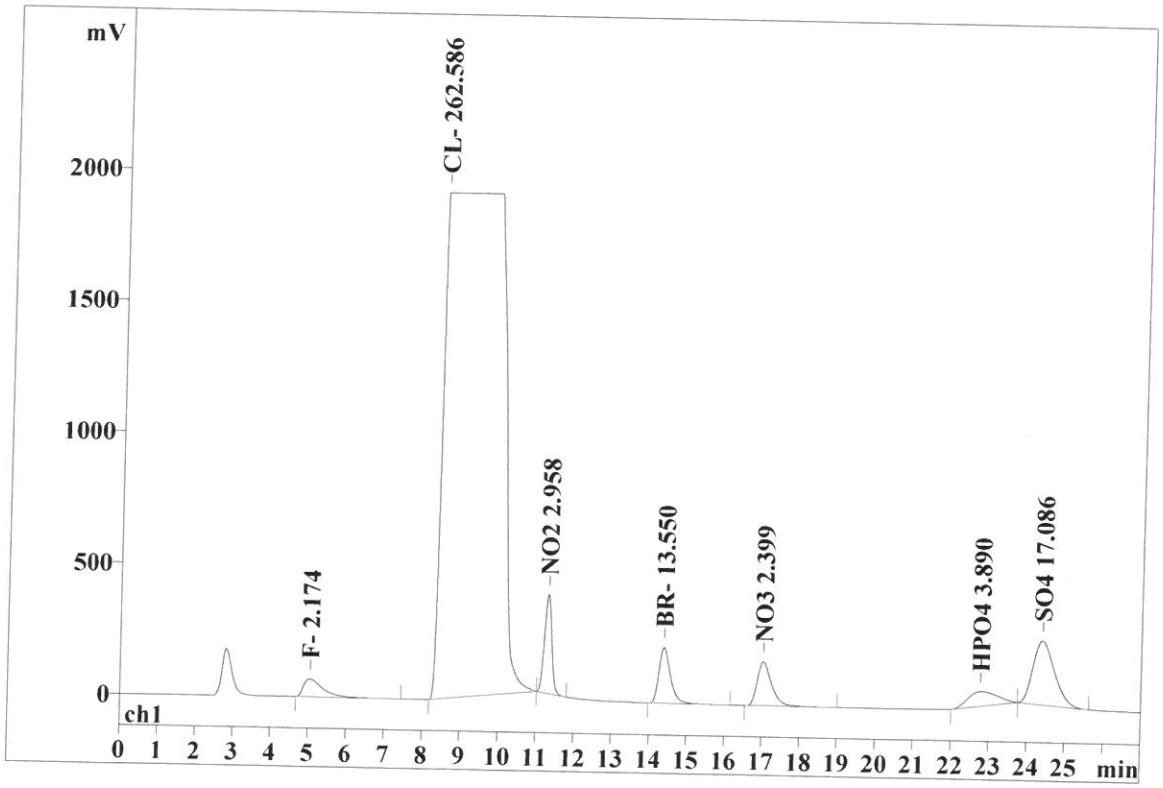
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:45:04 AM
Printed by: wet

Ident: I6108-05MSD
Analysis from: 10/25/2017 7:58:21 PM
File: _2017-10-25_ Last save: 10/26/2017 8:32:51 AM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15525

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000




Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.05 | 0.524 | 67.75 | 2.22 | 2424.006 | 1.06 |
| 2 | 8.46 | 1.721 | 1928.00 | 63.24 | 199705.463 | 87.38 |
| 3 | 11.30 | 0.204 | 375.60 | 12.32 | 4940.469 | 2.16 |
| 4 | 14.38 | 0.312 | 212.69 | 6.98 | 4496.828 | 1.97 |
| 5 | 17.03 | 0.389 | 167.75 | 5.50 | 4398.029 | 1.92 |
| 6 | 22.76 | 0.883 | 56.03 | 1.84 | 2982.501 | 1.31 |
| 7 | 24.39 | 0.616 | 243.59 | 7.99 | 9593.386 | 4.20 |
| 7 | 27.00 | 0.664 | 3051.41 | 100.09 | 228540.681 | 100.00 |

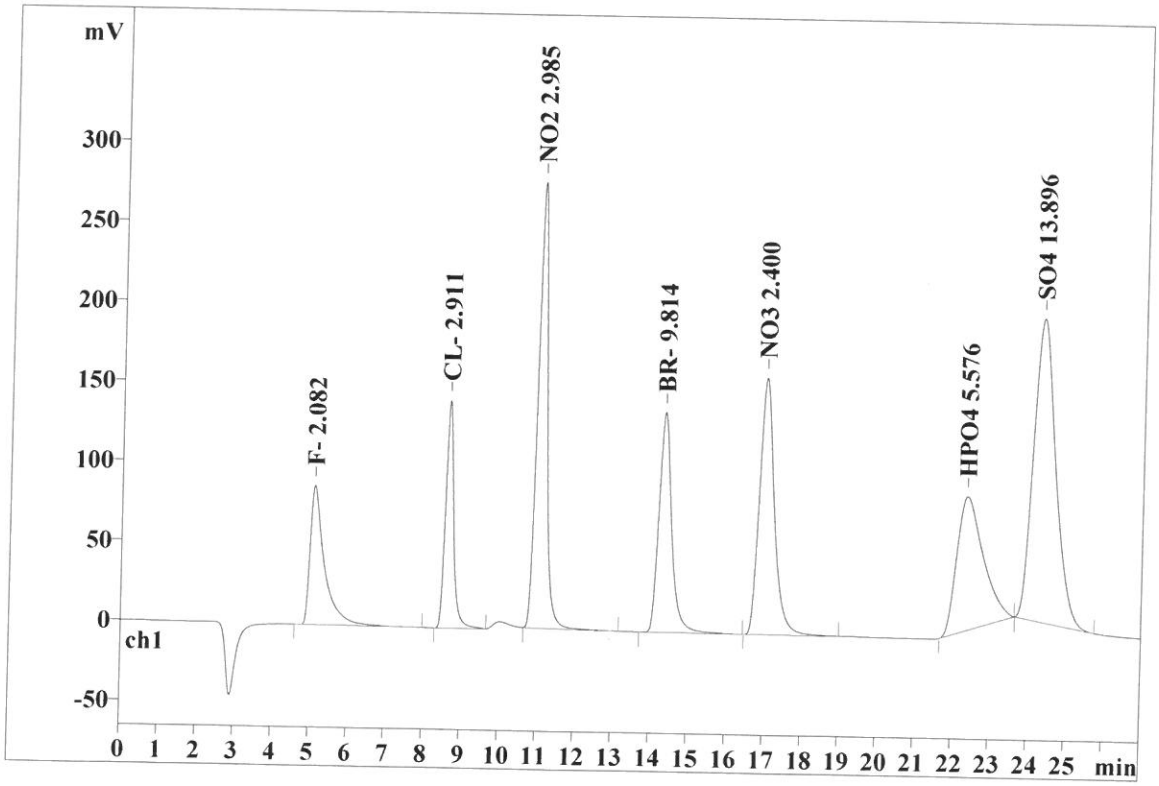
This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:45:12 AM
Printed by: wet

Ident: CCV
Analysis from: 10/25/2017 8:28:24 PM
File: _2017-10-25_ Last save: 10/25/2017 8:55:24 PM

Method: AnionsIC2-100317.mtw Last save: 10/24/2017 2:46
Run operator: wet
Analysis number: 15526

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

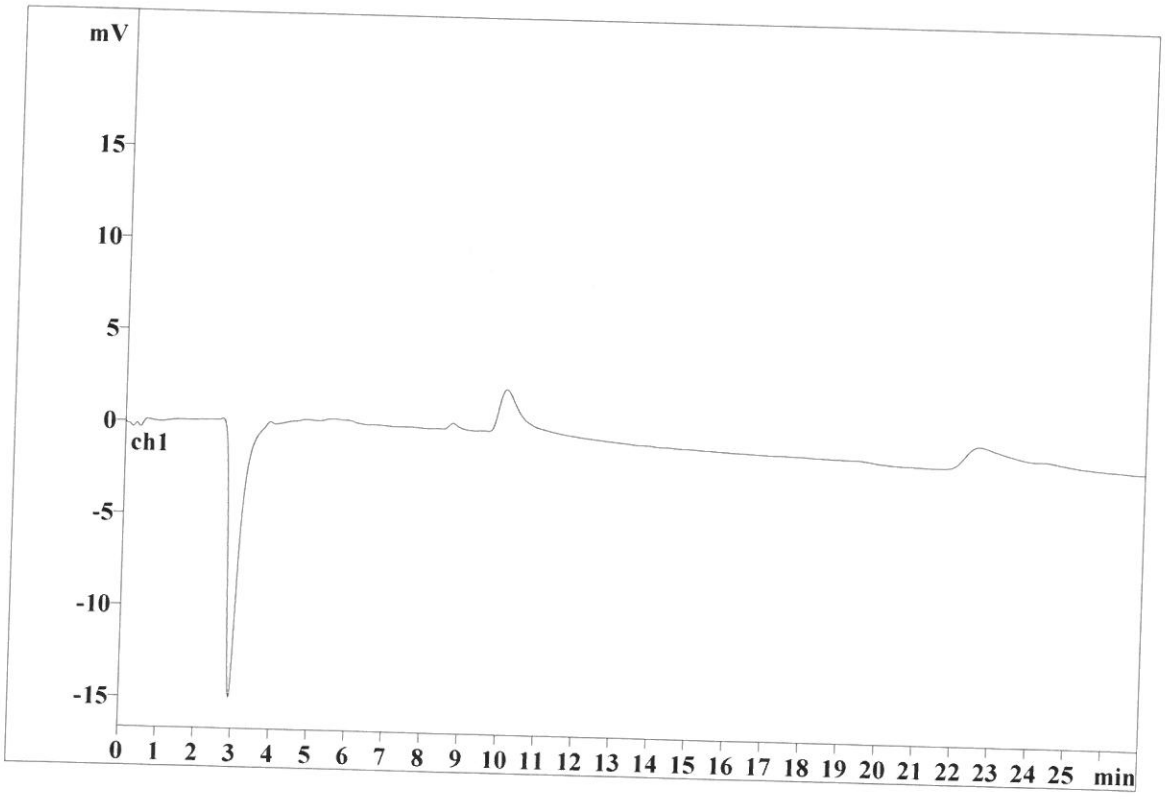



Quantitation method: Custom

| No | Retention min | Width/2 min | Height mV | Height % | Area mV*sec | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.10 | 0.357 | 87.01 | 8.06 | 2318.476 | 8.02 |
| 2 | 8.64 | 0.220 | 142.31 | 13.18 | 2151.081 | 7.44 |
| 3 | 11.05 | 0.266 | 278.94 | 25.83 | 4986.354 | 17.26 |
| 4 | 14.33 | 0.343 | 137.53 | 12.73 | 3228.197 | 11.17 |
| 5 | 16.99 | 0.406 | 160.64 | 14.87 | 4401.308 | 15.23 |
| 6 | 22.36 | 0.755 | 83.95 | 7.77 | 4087.081 | 14.14 |
| 7 | 24.32 | 0.627 | 189.61 | 17.56 | 7723.924 | 26.73 |
| 7 | 27.00 | 0.425 | 1079.99 | 100.00 | 28896.421 | 100.00 |

This report has been created by IC Net
METROHM LTD

| | |
|---|---|
| Report date: | 10/26/2017 8:45:20 AM |
| Printed by: | wet |
| Ident: | CCB |
| Analysis from: | 10/25/2017 8:58:22 PM |
| File: | _2017-10-25_ |
| | Last save: 10/26/2017 8:35:43 AM |
| Method: | AnionsIC2-100317.mtw |
| Run operator: | wet |
| | Last save: 10/24/2017 2:46 |
| Analysis number: | 15527 |
| SAMPLE: | |
| : | AK/AP |
| Vial number: | 3 |
| Volume: | 20.0 µL |
| Dilution: | 1.00 |
| Amount: | 1.0000 |




Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD