

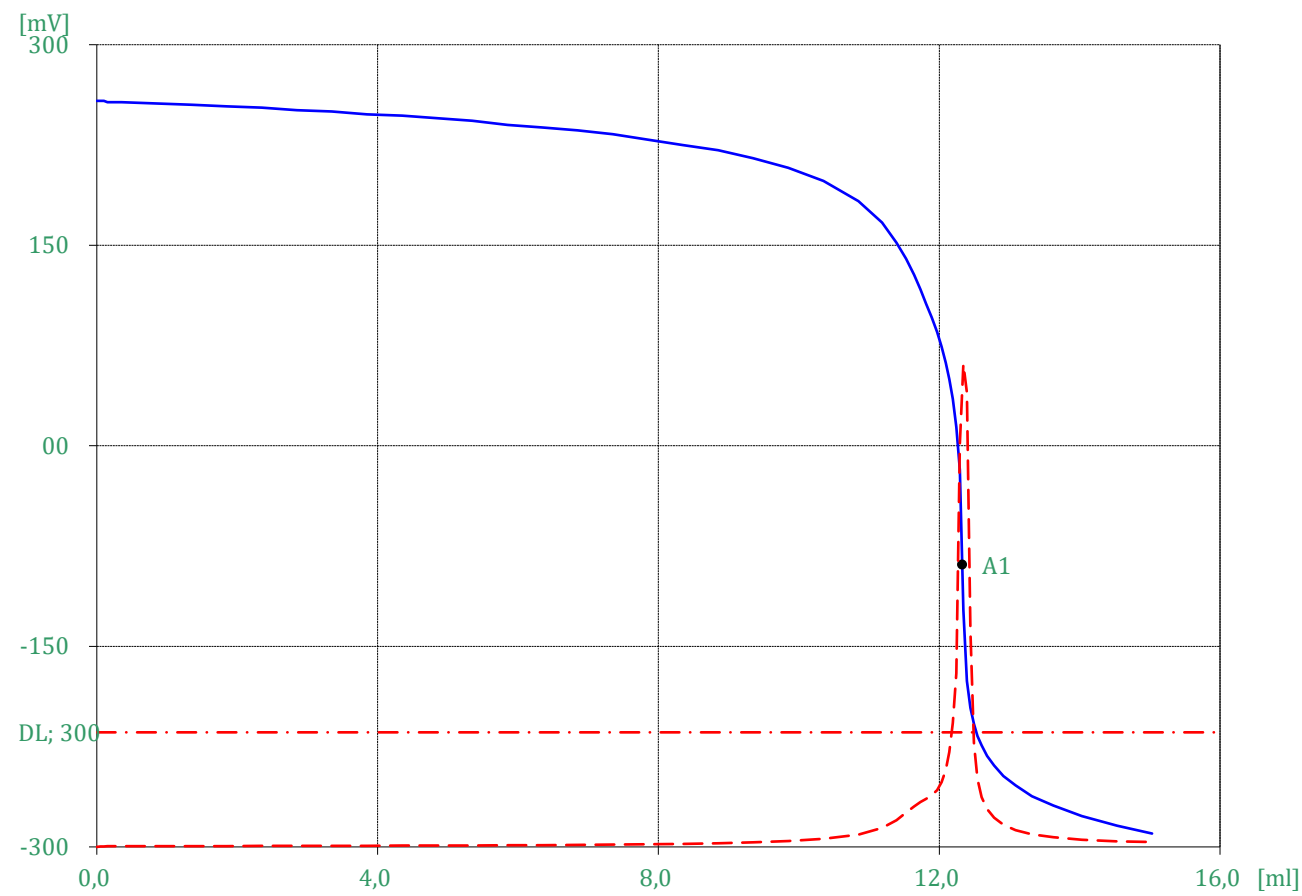
Date : 10.06.2015 13:53      Titr Mode : Factor Titr

Sample name : Police oil      Sample size(S) : 10 [ml]

C1 : 0,8112 [f]

C2 : 3,6983 [mgKOH/g]

A1 : 12,3276 [ml]      -89 [mV]



|           |   |        |      |      |      |                           |
|-----------|---|--------|------|------|------|---------------------------|
| P-Initial | : | 258    | [mV] |      |      |                           |
| Start     | : | 0      | [ml] | 258  | [mV] | Temp : 25 [degC]          |
| End       | : | 15,032 | [ml] | -290 | [mV] | Measurement Time : 12'36" |

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Run File No. : 5 Laboservice Oil  
Titr File No. : 5 Oil/TAN

C1 : S\*K1/A1 [f]  
C2 : (A1-BL)\*M\*E\*f\*FW/S\*R [mgKOH/g]

|         |                |          |          |        |               |
|---------|----------------|----------|----------|--------|---------------|
| Reagent | : 0.1M-KOH/IPA | Equiv(E) | : 1      | Mol(M) | : 0,1 [Mol/l] |
| f       | : 1            | BL       | : 0 [ml] | K1     | : 1           |
| FW      | : 30           | R        | : 1      |        |               |

Buret injection speed : 500 [ul/sec]

| No, | dV[ul] | V[ml]  | E[mV] | dE[mV] | diff     | S[sec] |  |
|-----|--------|--------|-------|--------|----------|--------|--|
| 1   | 0      | 0,000  | 258   | 0      | 0        | 0,0    |  |
| 2   | 50     | 0,050  | 258   | -0     | 1,040    | 21,0   |  |
| 3   | 50     | 0,100  | 258   | -0     | 1,227    | 10,0   |  |
| 4   | 50     | 0,150  | 257   | -0     | 1,573    | 10,0   |  |
| 5   | 100    | 0,250  | 257   | -0     | 1,760    | 10,0   |  |
| 6   | 100    | 0,350  | 257   | -0     | 1,867    | 4,0    |  |
| 7   | 500    | 0,850  | 256   | -1     | 2,000    | 11,0   |  |
| 8   | 500    | 1,350  | 255   | -1     | 2,107    | 11,0   |  |
| 9   | 500    | 1,850  | 254   | -1     | 2,315    | 11,0   |  |
| 10  | 500    | 2,350  | 253   | -1     | 2,517    | 11,0   |  |
| 11  | 500    | 2,850  | 251   | -1     | 2,725    | 11,0   |  |
| 12  | 500    | 3,350  | 250   | -1     | 2,944    | 11,0   |  |
| 13  | 500    | 3,850  | 248   | -2     | 3,179    | 11,0   |  |
| 14  | 500    | 4,350  | 247   | -2     | 3,419    | 11,0   |  |
| 15  | 500    | 4,850  | 245   | -2     | 3,792    | 11,0   |  |
| 16  | 500    | 5,350  | 243   | -2     | 4,069    | 3,5    |  |
| 17  | 500    | 5,850  | 240   | -2     | 4,405    | 11,0   |  |
| 18  | 500    | 6,350  | 238   | -2     | 4,704    | 11,0   |  |
| 19  | 500    | 6,850  | 236   | -3     | 5,237    | 11,0   |  |
| 20  | 500    | 7,350  | 233   | -3     | 5,931    | 11,0   |  |
| 21  | 500    | 7,850  | 229   | -3     | 6,800    | 11,0   |  |
| 22  | 500    | 8,350  | 225   | -4     | 7,952    | 11,0   |  |
| 23  | 500    | 8,850  | 221   | -5     | 9,515    | 11,0   |  |
| 24  | 500    | 9,350  | 215   | -6     | 11,712   | 12,0   |  |
| 25  | 500    | 9,850  | 208   | -7     | 15,125   | 12,0   |  |
| 26  | 500    | 10,350 | 198   | -10    | 21,237   | 12,5   |  |
| 27  | 500    | 10,850 | 183   | -15    | 32,488   | 12,5   |  |
| 28  | 334    | 11,184 | 167   | -16    | 49,722   | 12,5   |  |
| 29  | 206    | 11,390 | 152   | -15    | 70,006   | 13,0   |  |
| 30  | 140    | 11,530 | 140   | -13    | 89,878   | 13,0   |  |
| 31  | 110    | 11,640 | 128   | -12    | 105,702  | 13,0   |  |
| 32  | 92     | 11,732 | 117   | -11    | 117,270  | 13,0   |  |
| 33  | 84     | 11,816 | 106   | -11    | 125,821  | 13,0   |  |
| 34  | 78     | 11,894 | 96    | -10    | 134,941  | 13,0   |  |
| 35  | 74     | 11,968 | 85    | -11    | 148,732  | 13,5   |  |
| 36  | 68     | 12,036 | 74    | -11    | 169,816  | 14,0   |  |
| 37  | 58     | 12,094 | 62    | -11    | 201,344  | 14,5   |  |
| 38  | 50     | 12,144 | 50    | -12    | 248,497  | 15,0   |  |
| 39  | 50     | 12,194 | 35    | -15    | 324,534  | 17,5   |  |
| 40  | 50     | 12,244 | 14    | -21    | 454,720  | 21,5   |  |
| 41  | 50     | 12,294 | -18   | -32    | 1055,303 | 30,5   |  |
| 42  | 50     | 12,344 | -123  | -105   | 1263,995 | 69,5   |  |
| 43  | 50     | 12,394 | -176  | -53    | 1189,705 | 26,5   |  |
| 44  | 50     | 12,444 | -196  | -20    | 566,240  | 15,5   |  |
| 45  | 50     | 12,494 | -208  | -12    | 272,055  | 13,0   |  |
| 46  | 50     | 12,544 | -217  | -8     | 178,153  | 11,5   |  |
| 47  | 58     | 12,602 | -224  | -7     | 130,587  | 12,0   |  |
| 48  | 78     | 12,680 | -232  | -8     | 99,396   | 11,5   |  |

|    |     |        |      |    |        |      |
|----|-----|--------|------|----|--------|------|
| 49 | 102 | 12,782 | -239 | -8 | 76,279 | 12,0 |
| 50 | 132 | 12,914 | -247 | -8 | 58,213 | 12,0 |
| 51 | 174 | 13,088 | -254 | -7 | 44,192 | 12,0 |