

SEDEX Low Temperature Evaporative Light Scattering Detector

SAMPLE : CAFFEINE AND ACETYLSALICYLIC ACID % RSD Tests

HPLC

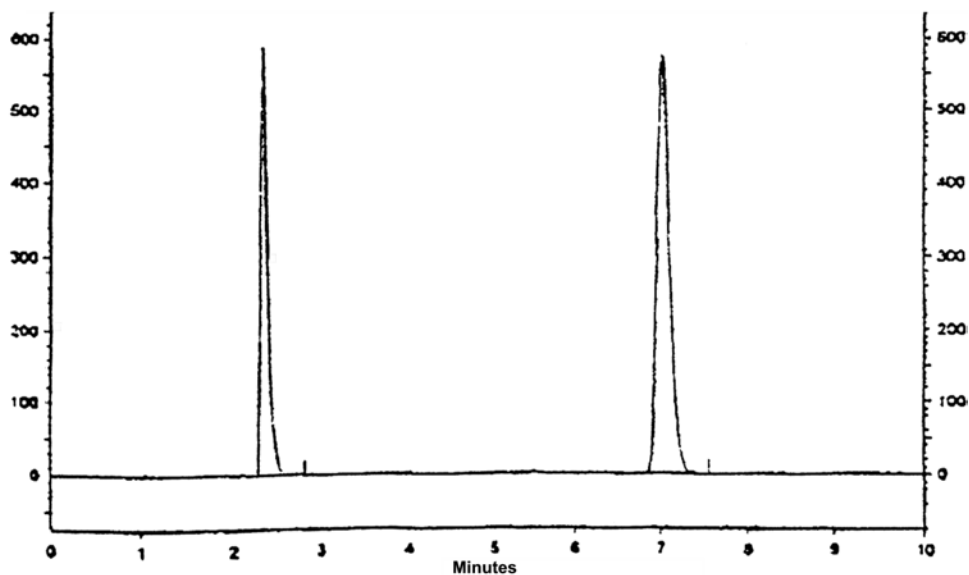
Temperature control 8° C with SFC jacketed glass cell (part number 55102-13)

Caffeine, 1040 ppm

Area
3094625
3111107
3079374 average = 3102715
3085905 std. Dev. (pop.) = 28202.5
3084314 % RSD = 0.91 %
3107070 Std. Dev.(smpl.) = 29728.1
3121939 % RSD = 0.96 %
3166978
3058799
3117036

Acetylsalicylic Acid, 2580 ppm

Area
5811076
5832489
5817763 Average = 5797752
5679886 std. Dev. (pop.) = 100196.5
5586305 % RSD = 1.73 %
5790680 Std. Dev.(smpl.) = 105616.4
5867323 % RSD = 1.82 %
5878792
5752627
5960579



CONDITIONS

Column	HiChrom HIRPB, 5 um, C 18, 150 x 4.6 mm
Injected volume	10 uL
mobile phase	80 % aq. (0.1 % Formic Acid) 20 % MeCN
Flow rate	1 ml/min
Pressure	2.3 bar
Gas	Nitrogen
Gain	7
Temperature	30° C

Analyzed by : Richard SCIENTIFIC U.S.A.