

CoreFocus

Report

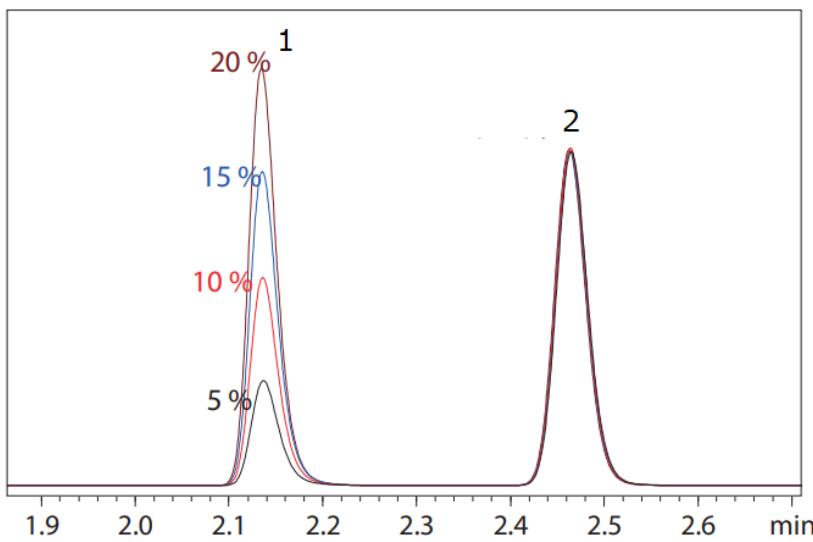
No.330

GC FID AOC SH Series

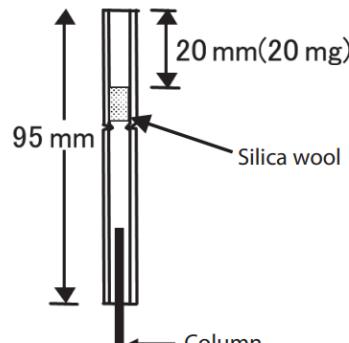
SH-1

Analysis of Ethanol in Liquors

Keywords: Alcohol, Alcohol content, Liquor tax



1.Ethanol
2.Isopropyl alcohol (IS)



Position and Quantity of Silica Wool
in the Insert

Main Unit	: NEXIS™ GC-2030 /AOC-20i plus
Column	: SH-1 (30 m x 0.53 mm I.D. df = 3.00 μ m), P/N: 221-75733-30
Detector	: FID-2030
Injection Volume	: 1 μ L
Injection Mode	: Split
Split Ratio	: 1:40
Injection Unit Temp.	: 250 °C

Carrier Gas	: He
Carrier Gas Control	: Pressure
Pressure Program	: 28 kPa (3 min) - 300 kPa/min - 90 kPa (6.79 min)
Column Temp.	: 50 °C (3 min) - 40 °C/min - 200 °C - 25 °C/min - 245 °C (1.45 min)
Detector Temp.	: 250 °C
Detector Gas	: Make up (He) 24 mL/min H ₂ 32 mL/min, Air 200 mL/min

Source : Application News G315 ([JP](#), [ENG](#))

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