

CoreFocus
Report
No.509

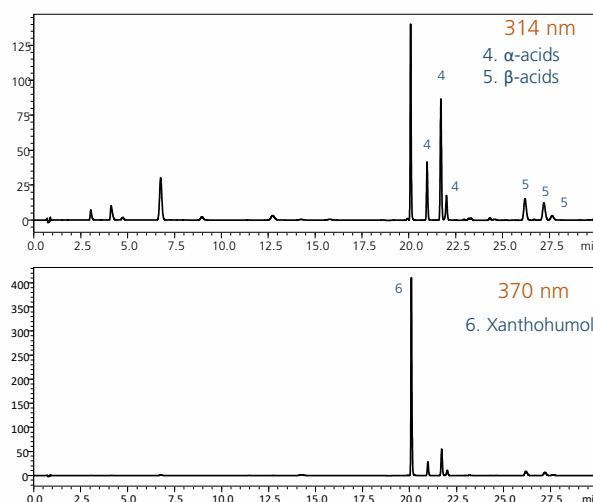
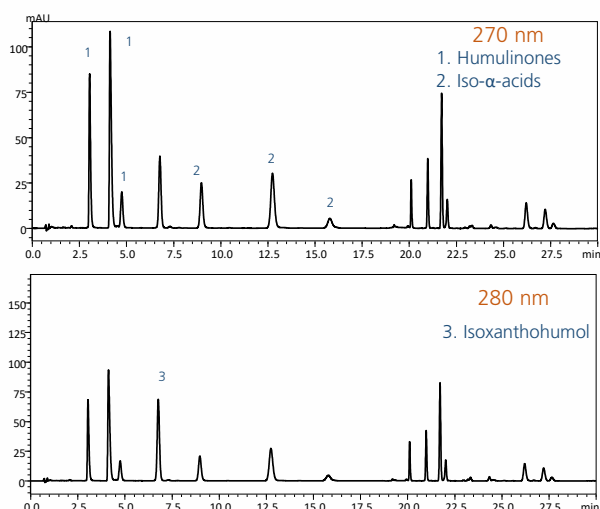
LC

Reversed-phase

Shim-pack™ Series

Shim-pack Velox™ Biphenyl
Simultaneous Analysis of beer
components

Keywords: Functional ingredient, Food science, Bitter taste components



System	: i-Series LC-2050C 3D
Column	: Shim-pack Velox Biphenyl (100 mm × 3.0 mm I.D., 2.7 μm), P/N: 227-32016-03
Mobile Phase A	: 10 mmol/L (Sodium) phosphate buffer (pH2.6) + 0.2 mmol/L EDTA•2Na aq.
Mobile Phase B	: Acetonitrile
Flow Rate	: 0.7 mL/min
Column Temp.	: 40 °C
Injection Vol.	: 20 μL
Detection	: Xanthohumol: 370 nm Isoxanthohumol: 280 nm Iso-α-acids and Humulinones: 270 nm α-acids and β-acids: 314 nm
Vial	: SHIMADZU LabTotal™ for LC 1.5 mL, Glass, P/N: 227-34001-01

Source : Application News an_01-00537 ([JP](#), [EN](#))

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