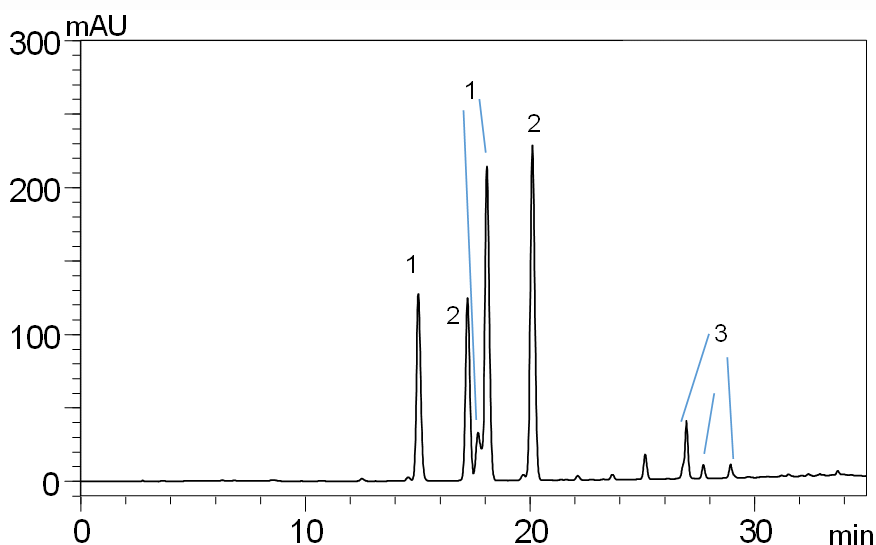


CoreFocus
Report
No.286

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST C8
Analysis of Iso- α -Acids, α -Acids, and Humulinones under EBC 9.47

Keywords: bittering components in beer



1. Humulinones
2. Iso- α -acids
3. α -acids

| | |
|----------------|---|
| System | : Nexera™ XR |
| Column | : Shim-pack GIST C8 (250 mm x 4.6 mm I.D., 5 μ m), P/N : 227-30173-09 |
| Mobile phase | : A) Acetonitrile/1% citric acid buffer(pH7.0)=30:70 B) Methanol |
| Flow rate | : 1.0 mL/min |
| Time program | : B Conc. 15 %(0-5 min) - 80 %(30-33 min) - 15 %(35-45 min) |
| Column temp. | : 35 °C |
| Injection vol. | : 50 μ L |
| Vial | : Shimadzu Vials, LC/LCMS, 1.5 mL Clear Glass, P/N : 227-34001-01 |
| Detection | : UV 270 nm |

Source : Application News L590 ([JP](#), [ENG](#))

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