

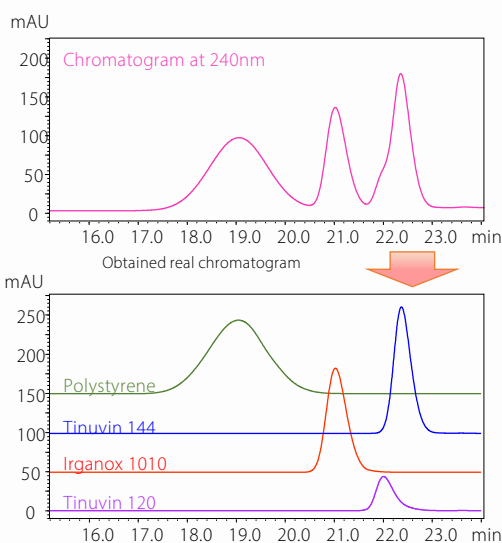
CoreFocus
Report
No.135

LC SEC (GPC) Shim-pack Series

Shim-pack™ GPC 805+GPC 801

Analysis of Polymer Additives

Keywords: antioxidant, light stabilizer, tinuvin, irganox



Deconvolution Result of Three Polymer Additives with *i*-PDeA II (PDA)

System	: Nexera™ GPC
Column	: Shim-pack GPC 805+GPC 801 (300 mm L x 8 mm I.D. for each), P/N : 228-20808-91(GPC 805), P/N : 228-20803-91(GPC 801)
Mobile phase	: THF
Flow rate	: 0.8 mL/min
Column temp.	: 40 °C
Injection vol.	: 10 µL
Detection	: RID / PDA (220-400 nm)
Sample	: 0.5 % Polystyrene containing three additives
Cycle time	: 31 min
Overlap time	: 15.5 min

Source : Application News L.537 ([JP](#), [ENG](#))

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