

CoreFocus
Report
No.523

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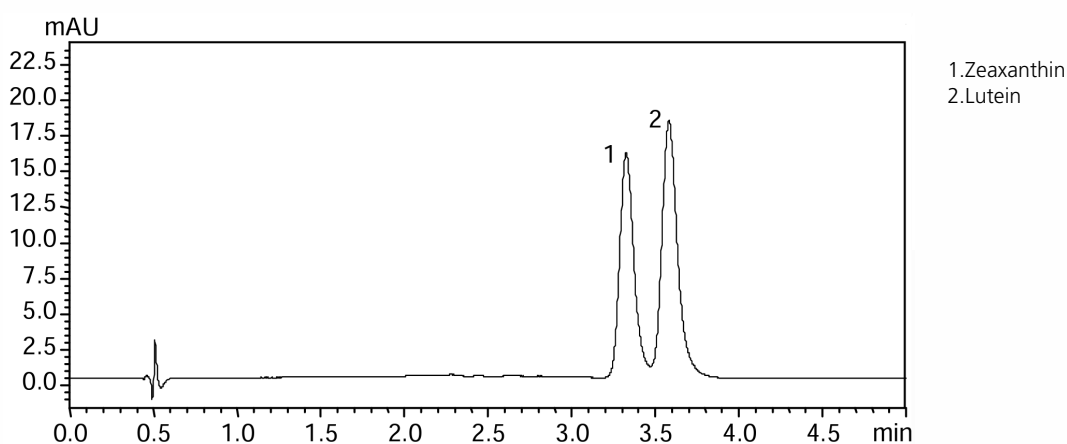
Reversed-phase

Shim-pack Series

Shim-pack™ XR-ODS

Analysis of Lutein and Zeaxanthin

Keywords: Food science, Food additives, Carotenoid, Xanthophyll



Column	: Shim-pack XR-ODS (75 mm x 3.0 mm I.D., 2.2 μm), P/N: 228-41606-93
Mobile phase	: A : Methanol/ Tetrahydrofuran/ Water= 45/ 30/ 25(v/v/v) B : Tetrahydrofuran
Time program	: 0 %B (0.00-4.50 min)→100 %B (4.51-5.50 min) →0 %B (5.51-7.50 min)
Mobile phase Flow rate	: 0.8 mL/min
Column temp.	: 50 °C
Injection volume	: 2 μL
Detection	: UV-VIS (450 nm)

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