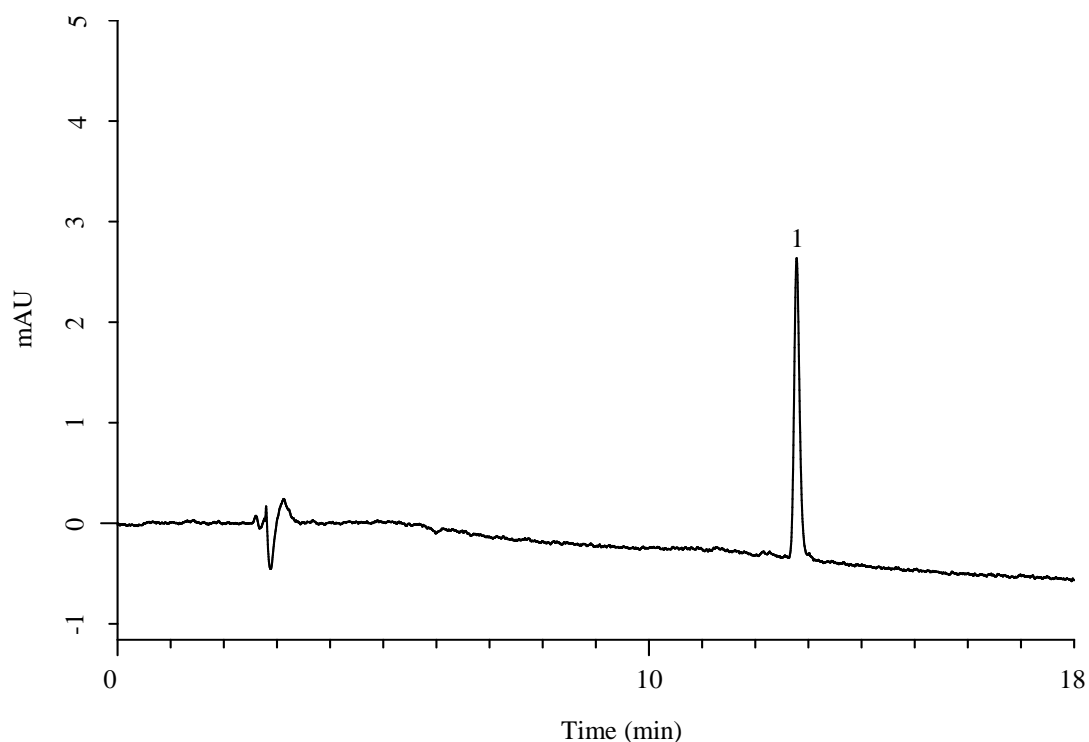


Analysis of Lutein

(Under the Condition of GB5009.248-2016)



Conditions

System : Primaide HPLC system (HITACHI)

Column : InertSustain C30 (GL Sciences Inc.)
(5 μ m, 250 x 4.6 mm I.D.)

Column Cat. No. : 5020-17145

Eluent : A) 0.1 % BHT in (CH₃OH/H₂O = 88/12, v/v)

B) 0.1 % BHT in *tert*-Butyl methyl ether

Analyte:

1. Lutein

0.1 μ g/mL

Time (min)	A (vol%)	B (vol%)
0.0	100	0
18.0	10	90
18.1	100	0
28.1	100	0

Flow Rate : 1.0 mL/min

Col. Temp. : 30 °C

Detection : VIS 445 nm

Injection Vol. : 50 μ L

Sample : Standard