

HPLC Application

ID No.: 12963

Soy Isoflavones - HPLC

Column: Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4252-E0

Elution Type: Gradient

Eluent A: Water + 0.1% Phosphoric

Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	72	28
	2	2	63	37
	3	30	27	73

Flow Rate: 1 mL/min

Col. Temp.: 35 °C

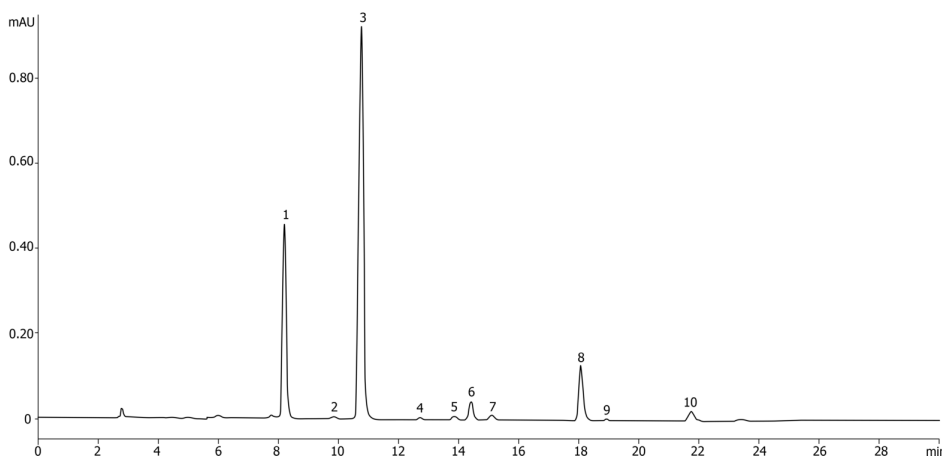
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (35 °C)

Analyst Note: Application courtesy of AM Todd Botanicals

12963



Products used in this application:



Soy Isoflavones - HPLC

ANALYTES:

- 1 Daidzin
- 2 Glycitin
- 3 Genistin
- 4 Malonyl diadzin
- 5 Malonyl glycitin
- 6 Acetyl daidin
- 7 Malonyl genistin
- 8 Daidzein
- 9 Glycitein
- 10 Genistein

