

# 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

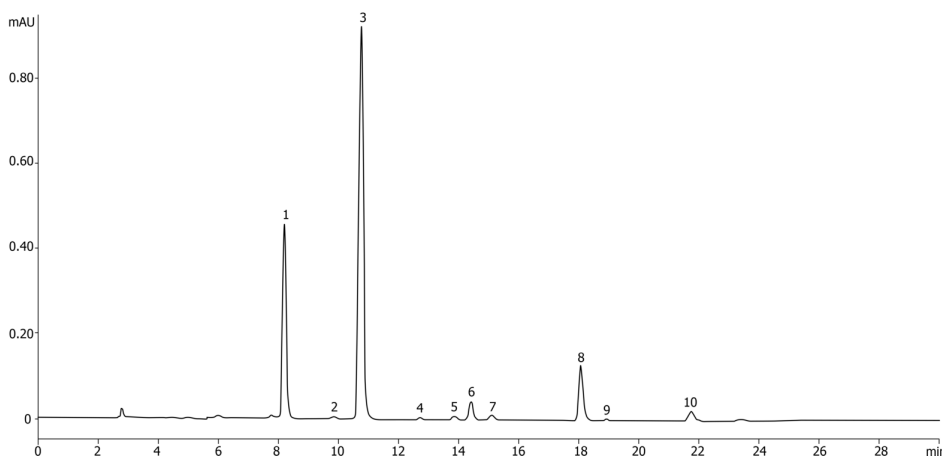
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (35 °C)

**Analyst Note:** Application courtesy of AM Todd Botanicals

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Products used in this application:



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### 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

