

Flavonol and Xanthone Glycosides from Mango Peels**Column:** SynergiTM 4 μ m Hydro-RP 80 Å, LC Column 150 x 3 mm, Ea**Dimensions:** 150 x 3 mm ID**Order No:** 00F-4375-Y0**Elution Type:** Gradient**Eluent A:** 2% (v/v) acetic acid in water**Eluent B:** 0.5% acetic acid in water and acetonitrile (50:50, v/v)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	15	75	25
	3	50	70	30
	4	60	20	80
	5	65	0	100
	6	65.5	100	0

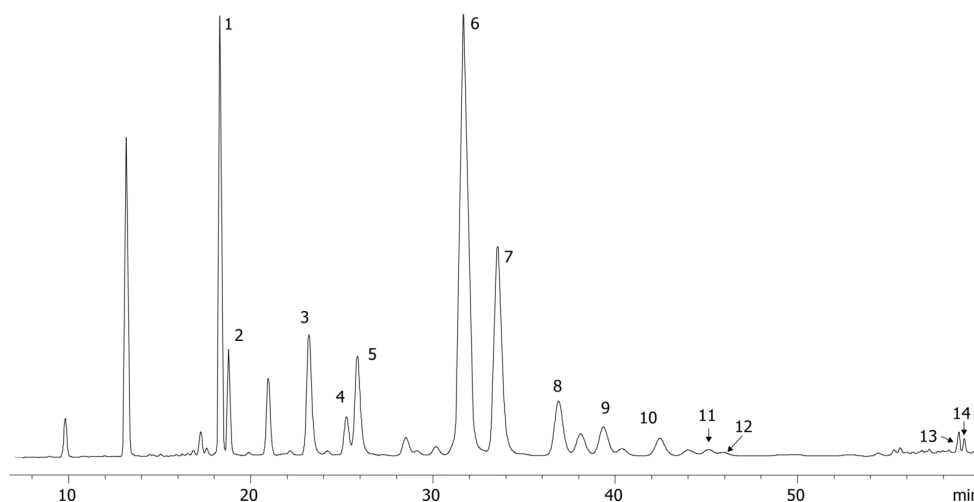
Flow Rate: 0.6 mL/min**Col. Temp.:** 25 °C**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 320 nm (ambient)**Detector Info:** 320 nm (xanthenes), 370 nm (flavonols)**Analyst Note:** SecurityGuardTM Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, AQ C18 4 x 2.0mm, 10/Pk Part No.: AJ0-4286

- Holder Part No.: KJ0-4282



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ANALYTES:

- 1** Mangiferin
- 2** Isomangiferin
- 3** Mangiferin gallate
- 4** Isomangiferin gallate
- 5** Quercetin 3-O-diglycoside
- 6** Quercetin 3-O-galactoside
- 7** Quercetin 3-O-glucoside
- 8** Quercetin 3-O-xyloside
- 9** Quercetin 3-O-arabinopyranoside
- 10** Quercetin 3-O-arabinofuranoside
- 11** Quercetin 3-O-rhamnoside
- 12** Kaempferol 3-O-glucoside
- 13** Rhamnetin-hexoside
- 14** Quercetin

