

# HPLC Application

ID No.: 15506

## Energy Drink Components on Onyx C18

**Column:** Onyx<sup>™</sup> Monolithic C18, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** CH0-7644

**Elution Type:** Isocratic

**Eluent A:** 10mM Potassium phosphate, pH 5.0

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3

**Flow Rate:** 4 mL/min

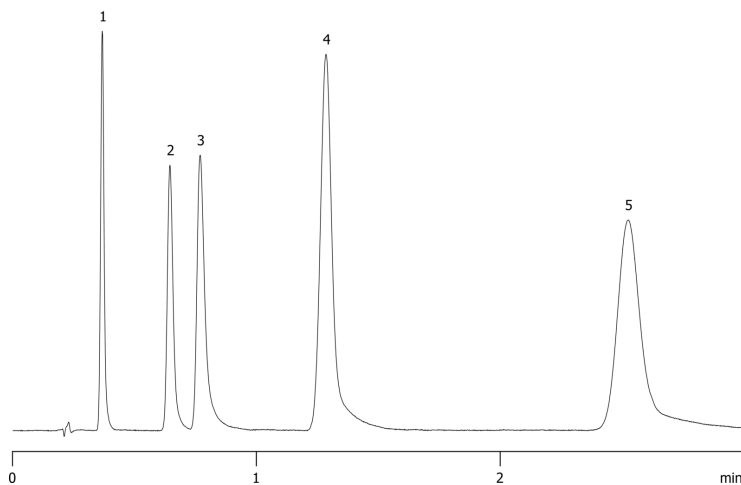
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 227 nm (ambient)

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Products used in this application:



### ANALYTES:

**1** p-Hydroxybenzoic acid

Retention Time: 0.368 min

**2** Saccharin

Retention Time: 0.646 min

**3** Salicylic acid

Retention Time: 0.77 min

**4** Sorbic acid

Retention Time: 1.285 min

**5** p-Toluic acid

Retention Time: 2.524 min

