

## Children's Sleep Aid Sugar excipients using Luna Omega 3u SUGAR 250x4.6mm

**Column:** Luna® Omega 3 µm SUGAR 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4775-E0

**Elution Type:** Gradient

**Eluent A:** 10mM Ammonium Acetate pH 6.4

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	25	75
	2	3	25	75
	3	12	40	60
	4	14	40	60
	5	15	25	75
	6	20	25	75



Products used in this application:

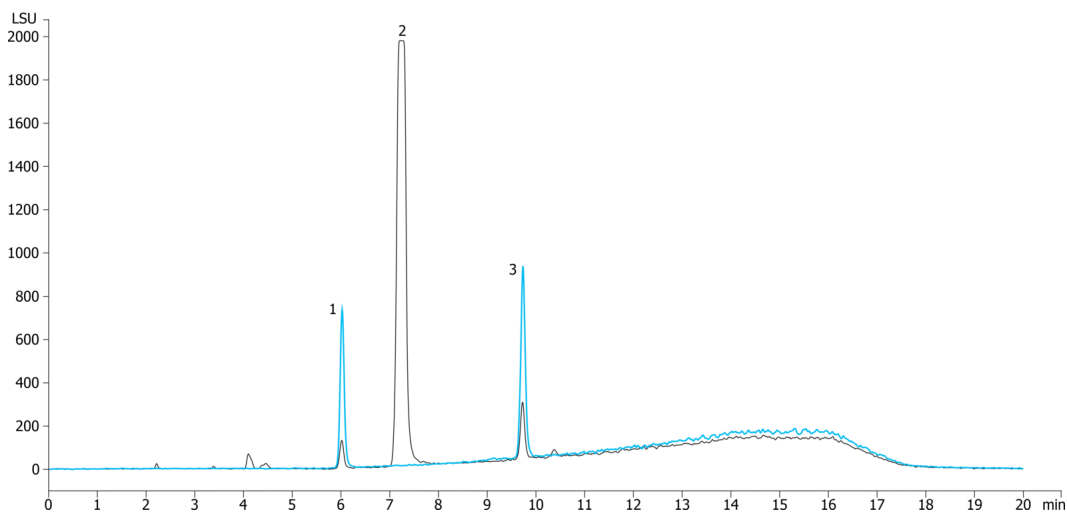


**Flow Rate:** 1.2 mL/min

**Col. Temp.:** 25 °C

**Detection:** LC/ELSD (Light Scattering) @ (50 °C)

**Analyst Note:** 1 pill dissolved in 10mL of Water:Acetonitrile (50:50), Vortex and filtered using Phenex 0.45µm Nylon Syringe filter. 1 pill dissolved in 10mL of Water:Acetonitrile (50:50), Vortex and filtered using Phenex 0.45µm Nylon Syringe filter.



### ANALYTES:

- 1** Xylitol  
Retention Time: 6.016 min
- 2** Melatonin  
Retention Time: 7.207 min
- 3** Mannitol  
Retention Time: 9.726 min

