HPLC Application

ID No.: **25246**

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

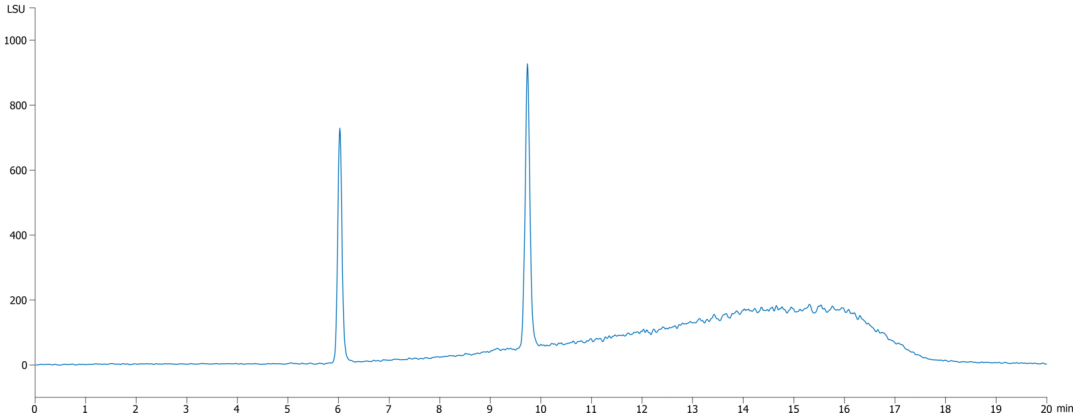
Products used in this application:

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

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



ANALYTES:

1 Xylitol
Retention Time: 6.03 min

2 mannitol
Retention Time: 9.74 min

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