HPLC ApplicationID No.: **20887**



Phthalates in Food and Beverage by LC/MS/MS

Kinetex® 5µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

100 x 4.6 mm ID **Dimensions:** Order No: 00D-4601-E0 **Elution Type:** Isocratic

Eluent A: Water with 10 mM Ammonium Acetate

Eluent B: Methanol

Gradient Step No. Time (min) Pct A Pct B **Profile:** 0 100 0

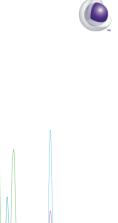
500 Flow Rate: Col. Temp.: ambient

> 38e4 36e4 34e4 32e4 30e4 28e4 26e4 24e4 22e4 20e4 18e4 16e4 14e4 12e4 10e4 8e4 6e4 4e4 2e4

Circular Dichroism @ 0.000000000 (ambient) **Detection:**



Products used in this application:



15 min

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For more information contact your Phenomenex Representative at support@phenomenex.com



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ANALYTES:

- 1 Dimethyl phthalate
- 2 Diethyl phthalate
- 3 Diallyl phthalate
- 4 Dipropyl phthalate
- 5 Diisopropyl phthalate
- 6 Dibutyl phthalate
- 7 Diisobutyl phthalate
- 8 bis(2-Methoxyethyl)phthalate
- 9 Dipentyl phthalate
- **10** Diisopentyl phthalate
- 11 bis(2-Ethoxyethyl)phthalate
- 12 Benzyl butyl phthalate
- 13 Diphenyl phthalate
- Dicyclohexyl phthalate
- 15 bis(4-methyl-2-pentyl)phthalate
- 16 Dihexyl phthalate
- Di-n-heptyl phthalate 17
- **18** bis(2-n-Butoxyethyl)phthalate
- 19 bis(2-Ethylhexyl)phthalate
- 20 Di-n-octyl phthalate
- 21 Diisononyl ortho-phthalate
- 22 Diisodecyl ortho

