HPLC Application

Environmental

Livionienta				
Column:	N/A			
Dimensions:	N/A			
Order No:	N/A			
Elution Type:	N/A			
Eluent A:	Water w/ 1% acetic acid			
Eluent B:	Methanol w/ 1% acetic acid			
Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	70	30
	2	9.5	44	56
	3	12	44	56
	4	13	0	100
Flow Rate:	1 mL/min			
Col. Temp.:	45 °C			
Detection:	UV-Vis AbsVariable Wave.(UV) @ 280 nm (ambient)			
Analyst Note:	SecurityGuard [™] Guard Cartridge System extends column lifetime.			
	- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287			

- Holder Part No.: KJ0-4282 13243 10 11

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HPLC Application ID No.: 13243

Environmental

ANALYTES:

- Phenol 1
- 2 4-Nitrophenol
- 3 2,4-Dinitrophenol
- 2-Nitrophenol 4
- o-Chlorophenol 5
- 4,6-Dinitrophenol 6
- 7 2,4-Dimethylphenol
- 4-Chloro-3-methylphenol 8
- 9 2,4-Dichlorophenol
- 10 2,4,6-Trichlorophenol
- **11** Pentachlorophenol

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