

## Cortisol in Urine by LC-MS/MS

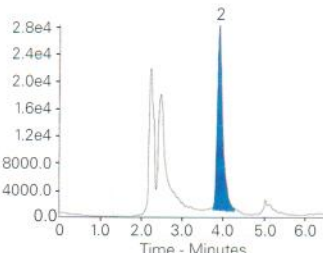
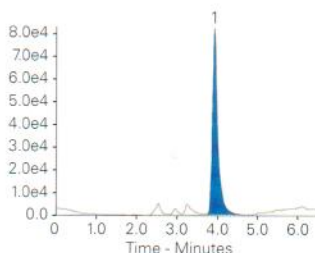
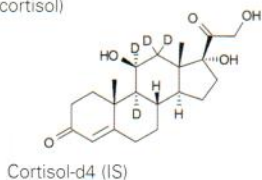
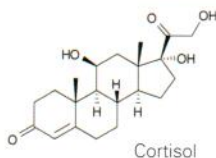
Application #AN2680

### Conditions

**Column:** ACE Excel 2 C18  
**Dimensions:** 100 x 2.1 mm  
**Part Number:** EXL-101-1002U  
**Mobile Phase:** 4 mM ammonium acetate in H<sub>2</sub>O/0.2% (v/v) formic acid in MeOH (71.5:28.5 v/v)  
**Flow Rate:** 0.7 mL/min  
**Injection:** 50 µL  
**Temperature:** 50 °C  
**Detection:** Applied Biosystems 5000 MS/MS APCI in positive ion mode  
**Sample:** BioRad Liquichek Urine Quality Control standard (16 nmol/L cortisol)

### Analytes

1. Cortisol  
(m/z 363.5 → 121.3)
2. Cortisol-d4 (IS)  
(m/z 367.3 → 331.3)



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## Cyclosporin Mixture

Application #AN3270

### Conditions

**Column:** ACE 5 C18  
**Dimensions:** 250 x 3.0 mm  
**Part Number:** ACE-121-2503  
**Mobile Phase:** H<sub>2</sub>O/MeCN/MTBE/H<sub>3</sub>PO<sub>4</sub> (46:51:3:0.1 v/v/v/v)  
**Flow Rate:** 0.8 mL/min  
**Temperature:** 80 °C  
**Detection:** UV, 210 nm

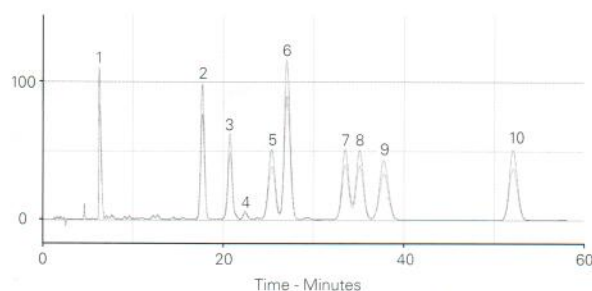
### Analytes

1. Isocyclosporin A
2. Cyclosporin C
3. Cyclosporin B
4. Cyclosporin L
5. Cyclosporin U
6. Cyclosporin A
7. Dihydrocyclosporin A
8. Cyclosporin G
9. Cyclosporin D
10. Cyclosporin E

available from



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## Cyclodextrin-Encapsulated Flavour Compounds in Beer

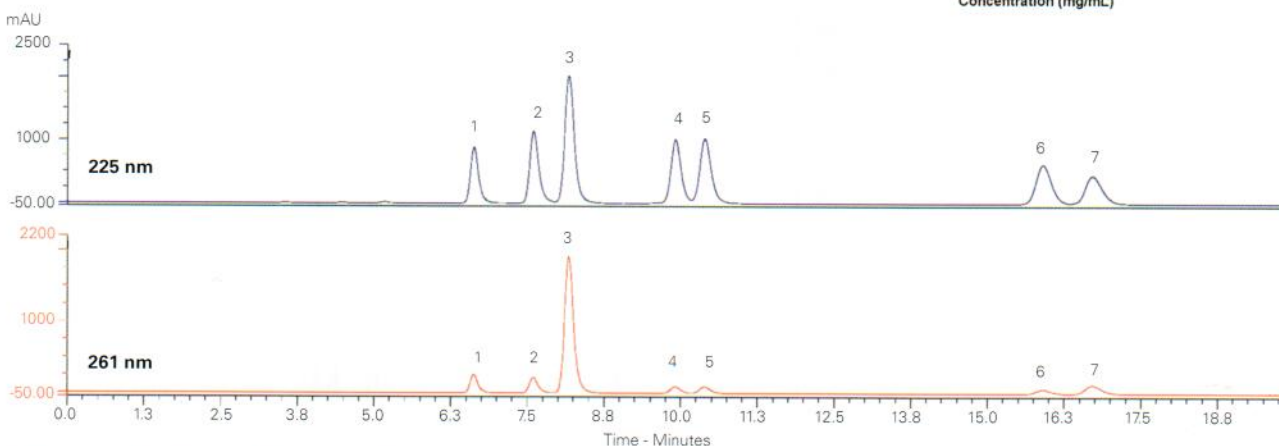
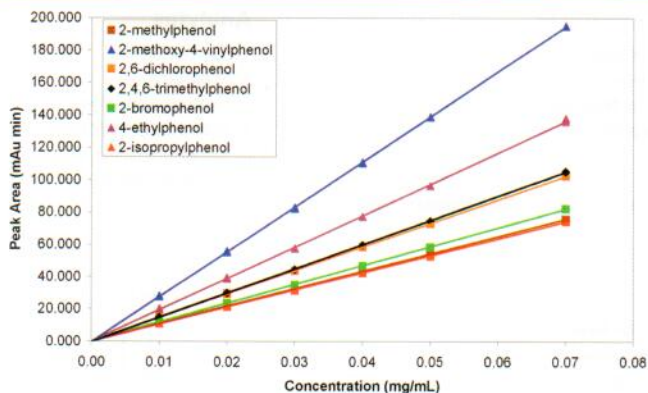
Application #AN2300

### Conditions

**Column:** ACE 3 C18  
**Dimensions:** 150 x 4.0 mm  
**Part Number:** ACE-111-1504  
**Mobile Phase:** 0.1% phosphoric acid in MeOH/H<sub>2</sub>O (53:47 v/v)  
**Flow Rate:** 0.5 mL/min  
**Injection:** 20 µL  
**Temperature:** 35 °C  
**Detection:** UV, 225 nm and 261 nm

### Analytes

1. 2-Methylphenol
2. 2-Bromophenol
3. 2-Methoxy-4-vinylphenol
4. 4-Ethylphenol
5. 2,4-Dichlorophenol
6. 2,4,6-Trimethylphenol
7. 2-Isopropylphenol



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