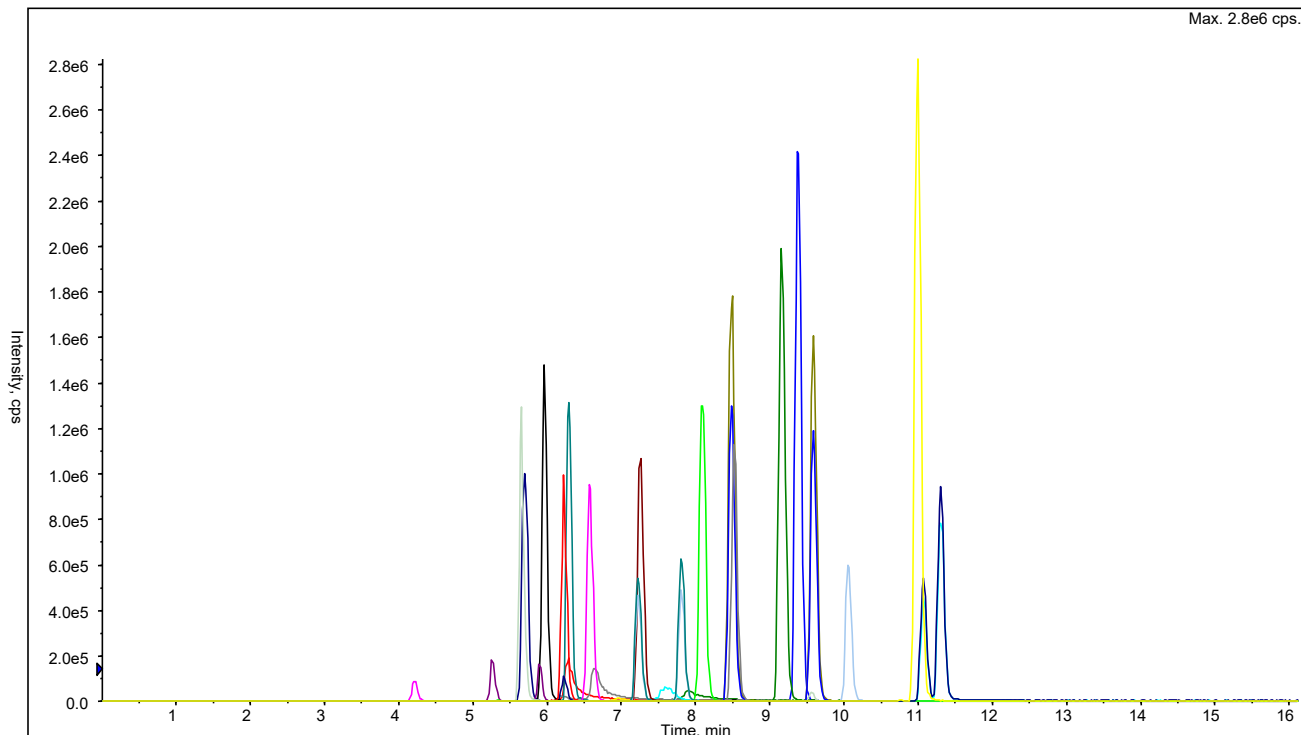


# InertSearch™ for LC

Inertsil® Applications

## Analysis of 29 drugs for animal (animal product III)

Data No. LA820-0811



### Conditions

**System** : LC800 HPLC system  
4000 Q TRAP®

**Column** : Inertsil ODS-4 (3 µm, 100 x 2.1 mm I.D.)

**Column Cat. No.** : 5020-04014

**Eluent** : A) 0.0025 % Formic acid in CH<sub>3</sub>CN  
B) 0.0025 % Formic acid in H<sub>2</sub>O  
A/B = 5/95 - 15 min - 80/20 - 5 min - 80/20 - 0.1 min - 5/95, v/v

**Flow Rate** : 0.2 mL/min

**Col. Temp.** : 40 °C

**Detection** : LC/MS/MS (4000Q TRAP® : ESI, Positive, MRM)

| CUR | CAD | IS   | TEM | GS1 | GS2 |
|-----|-----|------|-----|-----|-----|
| 20  | 7   | 5500 | 600 | 50  | 70  |

**Injection Vol.** : 5 µL

**Sample** : drugs for animal (each 100 ng/mL)

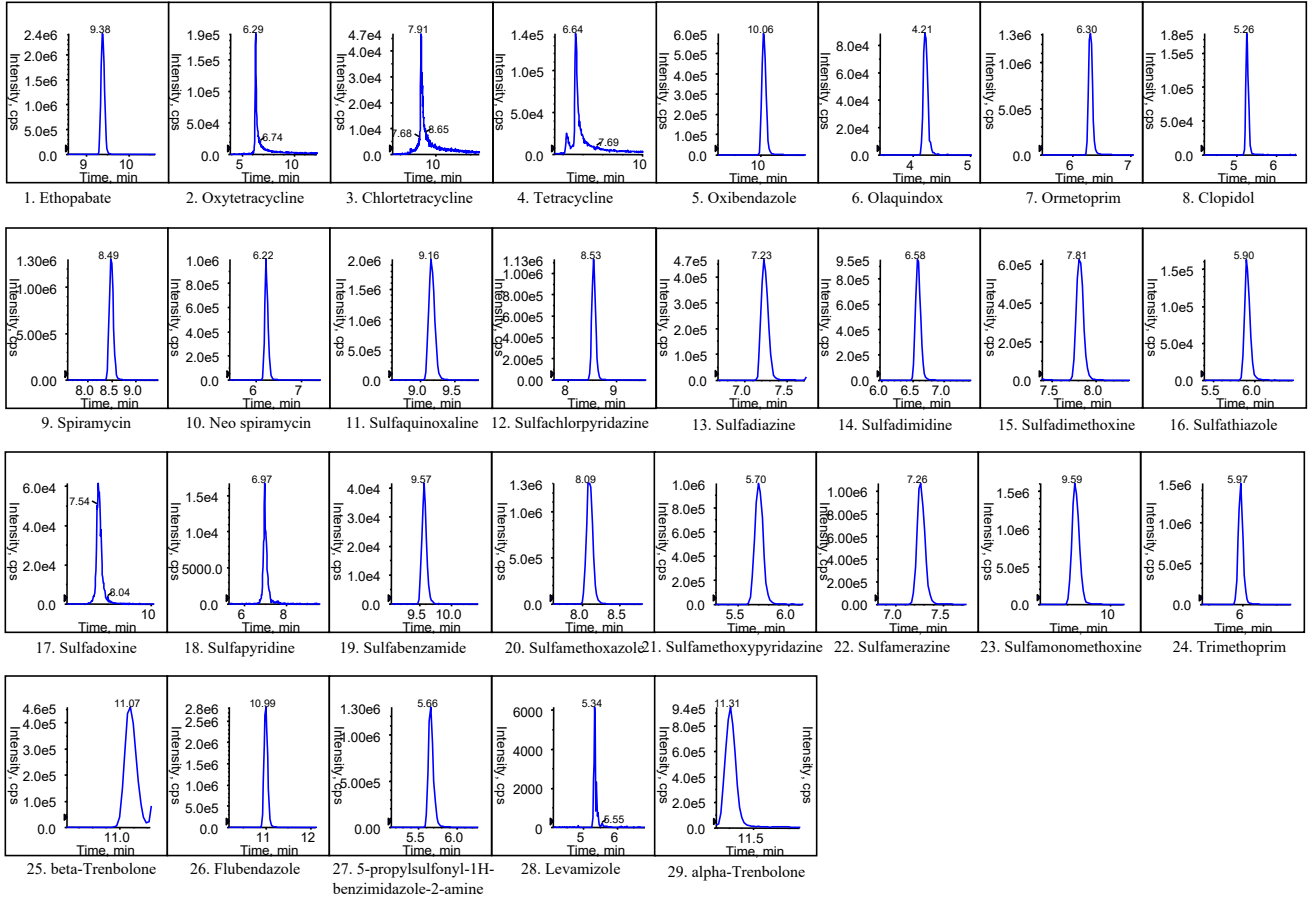
Related No. : [LA827](#)

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## Analysis of 29 drugs for animal (animal product III)

Data No. LA820-0811



| Sample Name                                     | R.T.  | Q1  | Q3  |
|---|-------|-----|-----|
| 1 Ethopabate                                    | 9.38  | 238 | 206 |
| 2 Oxytetracycline                               | 6.29  | 461 | 426 |
| 3 Chlortetracycline                             | 7.92  | 479 | 444 |
| 4 Tetracycline                                  | 6.65  | 445 | 410 |
| 5 Oxibendazole                                  | 10.06 | 250 | 218 |
| 6 Olaquinox                                     | 4.21  | 264 | 143 |
| 7 Ormetoprim                                    | 6.30  | 275 | 259 |
| 8 Clopidol                                      | 5.26  | 192 | 101 |
| 9 Spiramycin                                    | 7.60  | 422 | 174 |
| 10 Neo spiramycin                               | 6.95  | 350 | 174 |
| 11 Sulfaquinoxaline                             | 9.57  | 301 | 92  |
| 12 Sulfachlorpyridazine                         | 8.10  | 285 | 156 |
| 13 Sulfadiazine                                 | 5.70  | 251 | 156 |
| 14 Sulfamididine                                | 7.26  | 279 | 186 |
| 15 Sulfadimethoxine                             | 9.59  | 311 | 156 |
| 16 Sulfathiazole                                | 5.97  | 256 | 156 |
| 17 Sulfadoxine                                  | 8.49  | 311 | 156 |
| 18 Sulfapyridine                                | 6.23  | 250 | 156 |
| 19 Sulfabenzamide                               | 9.16  | 277 | 156 |
| 20 Sulfamethoxazole                             | 8.53  | 254 | 156 |
| 21 Sulfamethoxypridazine                        | 7.23  | 281 | 156 |
| 22 Sulfamerazine                                | 6.58  | 265 | 156 |
| 23 Sulfamonomethoxine                           | 7.81  | 281 | 156 |
| 24 Trimethoprim                                 | 5.90  | 291 | 230 |
| 25 beta-Trenbolone                              | 11.07 | 271 | 253 |
| 26 Flubendazole                                 | 10.99 | 314 | 282 |
| 27 5-(Propylsulphonyl)-1H-benzimidazole-2-amine | 5.65  | 240 | 133 |
| 28 Levamisole                                   | 5.33  | 205 | 178 |
| 29 alpha-Trenbolone                             | 11.30 | 271 | 253 |