

Summary of results, after removal of outliers: Pharmaceuticals, Industrial Chemicals and Artificial Sweeteners - AZ4

## 6 Summary of results, after removal of outliers

| Parameter        | Sample | Unit | Number of results for calculation | Number of outliers | Mean   | ± CI (99%) | Minimum | Maximum | SD      | RSD % |
|------------------|--------|------|-----------------------------------|--------------------|--------|------------|---------|---------|---------|-------|
| Acesulfame       | AZ4 A  | µg/l | 13                                | 2                  | 0.188  | ± 0.0181   | 0.149   | 0.225   | 0.0218  | 12    |
|                  | AZ4 B  | µg/l | 16                                | 0                  | 1.87   | ± 0.163    | 1.55    | 2.26    | 0.218   | 12    |
| Benzotriazole    | AZ4 A  | µg/l | 15                                | 0                  | 0.261  | ± 0.0238   | 0.197   | 0.314   | 0.0307  | 12    |
|                  | AZ4 B  | µg/l | 14                                | 1                  | 8.21   | ± 0.669    | 6.17    | 9.45    | 0.835   | 10    |
| Carbamazepine    | AZ4 A  | µg/l | 16                                | 0                  | 0.0576 | ± 0.00491  | 0.04    | 0.066   | 0.00655 | 11    |
|                  | AZ4 B  | µg/l | 16                                | 0                  | 0.588  | ± 0.0527   | 0.49    | 0.699   | 0.0703  | 12    |
| Cyclamate        | AZ4 A  | µg/l | 10                                | 0                  | 0.311  | ± 0.0578   | 0.199   | 0.41    | 0.0609  | 20    |
|                  | AZ4 B  | µg/l | 10                                | 0                  | 0.214  | ± 0.0709   | 0.109   | 0.305   | 0.0747  | 35    |
| Diazepam         | AZ4 A  | µg/l | 0                                 | 0                  | -      | ± -        | -       | -       | -       | -     |
|                  | AZ4 B  | µg/l | 6                                 | 0                  | 0.278  | ± 0.0473   | 0.213   | 0.323   | 0.0386  | 14    |
| Diclofenac       | AZ4 A  | µg/l | 13                                | 2                  | 0.36   | ± 0.0373   | 0.309   | 0.469   | 0.0448  | 12    |
|                  | AZ4 B  | µg/l | 14                                | 1                  | 2.87   | ± 0.327    | 1.97    | 3.6     | 0.408   | 14    |
| Ibuprofen        | AZ4 A  | µg/l | 5                                 | 0                  | -      | ± -        | 0.06    | 0.113   | -       | -     |
|                  | AZ4 B  | µg/l | 5                                 | 0                  | -      | ± -        | 0.2     | 0.751   | -       | -     |
| Metoprolol       | AZ4 A  | µg/l | 12                                | 0                  | 0.015  | ± 0.00488  | 0.007   | 0.025   | 0.00563 | 37    |
|                  | AZ4 B  | µg/l | 12                                | 1                  | 0.293  | ± 0.0422   | 0.191   | 0.352   | 0.0487  | 17    |
| Saccharin        | AZ4 A  | µg/l | 8                                 | 0                  | 0.0658 | ± 0.0166   | 0.044   | 0.091   | 0.0156  | 24    |
|                  | AZ4 B  | µg/l | 9                                 | 0                  | 1.44   | ± 0.536    | 0.365   | 1.94    | 0.536   | 37    |
| Sotalol          | AZ4 A  | µg/l | 0                                 | 0                  | -      | ± -        | -       | -       | -       | -     |
|                  | AZ4 B  | µg/l | 11                                | 0                  | 0.401  | ± 0.0631   | 0.24    | 0.483   | 0.0698  | 17    |
| Sucralose        | AZ4 A  | µg/l | 9                                 | 0                  | 0.461  | ± 0.145    | 0.199   | 0.667   | 0.145   | 31    |
|                  | AZ4 B  | µg/l | 7                                 | 2                  | 8.72   | ± 0.823    | 8.1     | 10.1    | 0.726   | 8.3   |
| Sulfamethoxazole | AZ4 A  | µg/l | 14                                | 2                  | 0.0562 | ± 0.00335  | 0.0481  | 0.0625  | 0.00418 | 7.4   |
|                  | AZ4 B  | µg/l | 15                                | 1                  | 0.0633 | ± 0.00787  | 0.04    | 0.08    | 0.0102  | 16    |