# Chicken residue testing annual datasets 2015–16

National Residue Survey, Department of Agriculture and Water Resources

## Dataset abbreviations

**LOR** Limit of reporting.

**MRL** Maximum Residue Limit.

**no limit** No Australian Standard applicable for the contaminant. The ‘as low as reasonably achievable’ principle applies. Detections at low levels are allowable.

**not defined** Standards are not defined in inedible matrixes (urine and faeces).

**not set** No Australian Standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

## Disclaimer

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Table 1 Antibiotics

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| amoxicillin | liver | 0.01 | 0.01 | 300 | 0 | 0 | 0 |
| ampicillin | liver | 0.01 | not set | 300 | 0 | 0 | 0 |
| apramycin | liver | 0.05 | 1 | 300 | 0 | 0 | 0 |
| avilamycin | liver | 0.05 | 0.05 | 300 | 0 | 0 | 0 |
| benzyl G penicillin | liver | 0.01 | not set | 300 | 0 | 0 | 0 |
| ceftiofur | liver | 0.1 | not set | 300 | 0 | 0 | 0 |
| cefuroxime | liver | 0.05 | not set | 300 | 0 | 0 | 0 |
| cephalonium | liver | 0.05 | not set | 300 | 0 | 0 | 0 |
| chlortetracycline | liver | 0.01 | 0.6 | 300 | 0 | 0 | 0 |
| cloxacillin | liver | 0.01 | not set | 300 | 0 | 0 | 0 |
| dihydrostreptomycin | liver | 0.1 | not set | 300 | 0 | 0 | 0 |
| doxycycline | liver | 0.01 | not set | 300 | 0 | 0 | 0 |
| erythromycin | liver | 0.05 | 0.3 | 300 | 0 | 0 | 0 |
| gentamycin | liver | 0.05 | not set | 300 | 0 | 0 | 0 |
| lincomycin | liver | 0.05 | 0.1 | 300 | 0 | 0 | 0 |
| neomycin | liver | 0.05 | 0.5 | 300 | 0 | 0 | 0 |
| oleandomycin | liver | 0.05 | not set | 300 | 0 | 0 | 0 |
| oxytetracycline | liver | 0.01 | 0.6 | 300 | 0 | 0 | 0 |
| streptomycin | liver | 0.1 | not set | 300 | 0 | 0 | 0 |
| sulfachloropyridazine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfadiazine | liver | 0.01 | 0.1 | 300 | 0 | 0 | 0 |
| sulfadimethoxine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfadimidine | liver | 0.01 | 0.1 | 300 | 0 | 0 | 0 |
| sulfadoxine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfafurazole | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfamerazine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfamethoxazole | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfamethoxydiazine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfamethoxypyridazine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfapyridine | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfaquinoxaline | liver | 0.02 | 0.1 | 300 | 0 | 0 | 0 |
| sulfathiazole | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| sulfatroxazole | liver | 0.02 | not set | 300 | 0 | 0 | 0 |
| tetracycline | liver | 0.01 | not set | 300 | 0 | 0 | 0 |
| tilmicosin | liver | 0.05 | not set | 300 | 0 | 0 | 0 |
| trimethoprim | liver | 0.01 | not set | 300 | 0 | 0 | 0 |
| tulathromycin | liver | 0.1 | not set | 300 | 0 | 0 | 0 |
| tylosin | liver | 0.1 | 0.2 | 300 | 0 | 0 | 0 |
| virginiamycin | liver | 0.05 | 0.2 | 300 | 0 | 0 | 0 |

Table 2 Hormones

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dienoestrol | liver | 0.0002 | not set | 30 | 0 | 0 | 0 |
| diethylstilboestrol | liver | 0.0002 | not set | 30 | 0 | 0 | 0 |
| hexoestrol | liver | 0.0002 | not set | 30 | 0 | 0 | 0 |
| trenbolone | liver | 0.0005 | not set | 30 | 0 | 0 | 0 |
| zeranol | liver | 0.002 | not set | 30 | 0 | 0 | 0 |

Table 3 Mycotoxins

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| taleranol | liver | 0.002 | no limit | 30 | 0 | 0 | 0 |
| zearalanone | liver | 0.002 | no limit | 30 | 0 | 0 | 0 |
| zearalenol, alpha- | liver | 0.002 | no limit | 30 | 0 | 0 | 0 |
| zearalenol, beta- | liver | 0.002 | no limit | 30 | 0 | 0 | 0 |
| zearalenone | liver | 0.002 | no limit | 30 | 0 | 0 | 0 |