# Egg residue testing annual datasets 2018–19

National Residue Survey, Department of Agriculture

## 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, retina 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 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AHD | whole | 0.0004 | not set | 26 | 0 | 0 | 0 |
| amoxicillin | whole | 0.01 | 0.01 | 30 | 0 | 0 | 0 |
| AMOZ | whole | 0.000077 | not set | 26 | 0 | 0 | 0 |
| ampicillin | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| AOZ | whole | 0.000072 | not set | 26 | 0 | 0 | 0 |
| apramycin | whole | 0.5 | not set | 30 | 0 | 0 | 0 |
| avilamycin | whole | 0.1 | not set | 30 | 0 | 0 | 0 |
| benzyl G penicillin | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| ceftiofur (desfuroylceftiofur) | whole | 0.2 | not set | 30 | 0 | 0 | 0 |
| cefuroxime | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| cephalonium | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| chloramphenicol | whole | 0.0001 | not set | 31 | 0 | 0 | 0 |
| chlortetracycline | whole | 0.01 | 0.2 | 30 | 1 | 0 | 0 |
| cloxacillin | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| dihydrostreptomycin | whole | 0.1 | not set | 30 | 0 | 0 | 0 |
| dimetridazole | whole | 0.000035 | not set | 26 | 0 | 0 | 0 |
| doxycycline | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| erythromycin | whole | 0.1 | not set | 30 | 0 | 0 | 0 |
| florfenicol | whole | 0.003 | not set | 31 | 0 | 0 | 0 |
| gentamycin | whole | 0.1 | not set | 30 | 0 | 0 | 0 |
| lincomycin | whole | 0.1 | 0.2 | 30 | 0 | 0 | 0 |
| metronidazole | whole | 0.000046 | not set | 26 | 0 | 0 | 0 |
| neomycin | whole | 0.1 | 0.5 | 30 | 0 | 0 | 0 |
| oleandomycin | whole | 0.2 | not set | 30 | 0 | 0 | 0 |
| oxytetracycline | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| ronidazole | whole | 0.000055 | not set | 26 | 0 | 0 | 0 |
| SEM | whole | 0.00041 | not set | 26 | 0 | 0 | 0 |
| streptomycin | whole | 0.1 | not set | 30 | 0 | 0 | 0 |
| sulfachloropyridazine | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfadiazine | whole | 0.05 | 0.02 | 30 | 0 | 0 | 0 |
| sulfadimethoxine | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfadimidine (sulfamethazine) | whole | 0.05 | 0.01 | 30 | 0 | 0 | 0 |
| sulfadoxine | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfafurazole  | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfamerazine | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfamethoxazole | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfamethoxydiazine (sulfameter) | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfamethoxypyridazine | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfapyridine | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfaquinoxaline | whole | 0.05 | 0.01 | 30 | 0 | 0 | 0 |
| sulfathiazole | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| sulfatroxazole | whole | 0.05 | not set | 30 | 0 | 0 | 0 |
| tetracycline | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| thiamphenicol | whole | 0.0029 | not set | 31 | 0 | 0 | 0 |
| tilmicosin | whole | 0.2 | not set | 30 | 0 | 0 | 0 |
| trimethoprim | whole | 0.01 | 0.01 | 30 | 0 | 0 | 0 |
| tulathromycin | whole | 0.3 | not set | 30 | 0 | 0 | 0 |
| tylosin | whole | 0.1 | 0.2 | 30 | 0 | 0 | 0 |
| virginiamycin | whole | 0.2 | not set | 30 | 0 | 0 | 0 |

Table 2 Anticoccidials

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| amprolium | whole | 0.01 | 4 | 30 | 0 | 0 | 0 |
| decoquinate | whole | 0.002 | not set | 13 | 0 | 0 | 0 |
| diclazuril | whole | 0.01 | not set | 13 | 0 | 0 | 0 |
| halofuginone | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| lasalocid | whole | 0.01 | 0.05 | 30 | 1 | 0 | 0 |
| maduramicin | whole | 0.0068 | not set | 30 | 0 | 0 | 0 |
| monensin | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| narasin | whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| nicarbazin (4,4'-dinitrocarbanilide) | whole | 0.01 | 0.3 | 30 | 1 | 0 | 0 |
| salinomycin | whole | 0.0057 | 0.02 | 30 | 0 | 0 | 0 |
| semduramycin | whole | 0.0069 | not set | 30 | 0 | 0 | 0 |
| toltrazuril | whole | 0.01 | 0.03 | 13 | 0 | 0 | 0 |

Table 3 Contaminants

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| acrylonitrile | whole | 0.01 | not set | 18 | 0 | 0 | 0 |
| aldrin and dieldrin (HHDN+HEOD) | whole | 0.005 | 0.1 | 61 | 0 | 0 | 0 |
| chlordane | whole | 0.005 | 0.02 | 61 | 0 | 0 | 0 |
| DDT | whole | 0.005 | 0.5 | 61 | 0 | 0 | 0 |
| endosulfan | whole | 0.005 | not set | 61 | 0 | 0 | 0 |
| endrin | whole | 0.005 | not set | 61 | 0 | 0 | 0 |
| HCB (hexachlorobenzene) | whole | 0.005 | 1 | 61 | 0 | 0 | 0 |
| HCH (BHC) | whole | 0.005 | 0.1 | 61 | 0 | 0 | 0 |
| heptachlor | whole | 0.005 | 0.05 | 61 | 0 | 0 | 0 |
| lindane (gamma-HCH) | whole | 0.005 | 0.1 | 61 | 0 | 0 | 0 |
| mirex | whole | 0.005 | not set | 61 | 0 | 0 | 0 |
| total indicator PCBs | whole | 0.000001 | 0.2 | 3 | 0 | 0 | 0 |
| vinyl chloride | whole | 0.005 | not set | 18 | 0 | 0 | 0 |

Table 4 Insecticides

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dicofol | whole | 0.01 | not set | 61 | 0 | 0 | 0 |
| methoxychlor | whole | 0.005 | not set | 61 | 0 | 0 | 0 |

Table 5 Metals

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| antimony | whole | 0.01 | not set | 18 | 0 | 0 | 0 |
| arsenic (total) | whole | 0.05 | no limit | 18 | 0 | 0 | 0 |
| cadmium | whole | 0.01 | no limit | 18 | 0 | 0 | 0 |
| lead | whole | 0.01 | no limit | 18 | 0 | 0 | 0 |
| mercury (total) | whole | 0.01 | no limit | 18 | 0 | 0 | 0 |