# Egg residue testing annual datasets 2016–17

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 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AHD | Whole | 0.0004 | not set  | 25 | 0 | 0 | 0 |
| amoxicillin | Whole | 0.01 | 0.01 | 30 | 0 | 0 | 0 |
| AMOZ | Whole | 0.000077 | not set | 25 | 0 | 0 | 0 |
| ampicillin | Whole | 0.01 | not set | 30 | 0 | 0 | 0 |
| amprolium | Whole | 0.0058 | 4 | 30 | 0 | 0 | 0 |
| AOZ | Whole | 0.000072 | not set | 25 | 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  | 30 | 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  | 25 | 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  | 30 | 0 | 0 | 0 |
| gentamycin | Whole | 0.1 | not set  | 30 | 0 | 0 | 0 |
| halofuginone | Whole | 0.0051 | not set  | 30 | 0 | 0 | 0 |
| lasalocid | Whole | 0.006 | 0.05 | 30 | 2 | 0 | 1 |
| lincomycin | Whole | 0.1 | 0.2 | 30 | 0 | 0 | 0 |
| maduramicin | Whole | 0.0068 | not set  | 30 | 0 | 0 | 0 |
| metronidazole | Whole | 0.000046 | not set  | 25 | 0 | 0 | 0 |
| monensin | Whole | 0.0032 | not set  | 30 | 0 | 0 | 0 |
| narasin | Whole | 0.0027 | not set  | 30 | 0 | 0 | 0 |
| neomycin | Whole | 0.1 | 0.5 | 30 | 0 | 0 | 0 |
| nicarbazin (4,4'-dinitrocarbanilide) | Whole | 0.0061 | 0.3 | 30 | 2 | 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  | 25 | 0 | 0 | 0 |
| salinomycin | Whole | 0.0057 | 0.02 | 30 | 0 | 0 | 0 |
| SEM | Whole | 0.00041 | not set  | 25 | 0 | 0 | 0 |
| semduramycin | Whole | 0.0069 | not set  | 30 | 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 | 0.005 | 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  | 30 | 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 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 | 60 | 0 | 0 | 0 |
| chlordane | whole | 0.005 | 0.02 | 60 | 0 | 0 | 0 |
| DDT | whole | 0.005 | 0.5 | 60 | 0 | 0 | 0 |
| endosulfan | whole | 0.005 | not set | 60 | 0 | 0 | 0 |
| endrin | whole | 0.005 | not set | 60 | 0 | 0 | 0 |
| HCB (hexachlorobenzene) | whole | 0.005 | 1 | 60 | 0 | 0 | 0 |
| HCH (BHC) | whole | 0.005 | 0.1 | 60 | 0 | 0 | 0 |
| heptachlor | whole | 0.005 | 0.05 | 60 | 0 | 0 | 0 |
| lindane (gamma-HCH) | whole | 0.005 | 0.1 | 60 | 0 | 0 | 0 |
| mirex | whole | 0.005 | not set | 60 | 0 | 0 | 0 |
| total indicator PCBs | whole | 0.000001 | 0.2 | 3 | 2 | 0 | 0 |
| vinyl chloride | whole | 0.005 | not set | 18 | 0 | 0 | 0 |

Table 3 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 | 60 | 0 | 0 | 0 |
| methoxychlor | whole | 0.005 | not set | 60 | 0 | 0 | 0 |

Table 4 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 | no limit | 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 | 1 | 0 | 0 |
| mercury total | whole | 0.01 | no limit | 18 | 0 | 0 | 0 |