# Turkey 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 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 | 16 | 0 | 0 | 0 |
| ampicillin | Liver | 0.01 | not set | 16 | 0 | 0 | 0 |
| amprolium | Liver | 0.01 | 1 | 4 | 0 | 0 | 0 |
| avilamycin | Liver | 0.05 | 0.05 | 16 | 0 | 0 | 0 |
| benzyl G penicillin | Liver | 0.01 | not set | 16 | 0 | 0 | 0 |
| ceftiofur (desfuroylceftiofur) | Liver | 0.1 | not set | 16 | 0 | 0 | 0 |
| cefuroxime | Liver | 0.05 | not set | 16 | 0 | 0 | 0 |
| cephalonium | Liver | 0.05 | not set | 16 | 0 | 0 | 0 |
| chlortetracycline | Liver | 0.01 | 0.6 | 16 | 0 | 0 | 0 |
| cloxacillin | Liver | 0.01 | not set | 16 | 0 | 0 | 0 |
| dihydrostreptomycin | Liver | 0.1 | not set | 16 | 0 | 0 | 0 |
| doxycycline | Liver | 0.01 | not set | 16 | 0 | 0 | 0 |
| erythromycin | Liver | 0.05 | 0.3 | 16 | 0 | 0 | 0 |
| gentamycin | Liver | 0.05 | not set | 16 | 0 | 0 | 0 |
| halofuginone | Liver | 0.01 | not set | 4 | 0 | 0 | 0 |
| lasalocid | Liver | 0.01 | 0.4 | 4 | 0 | 0 | 0 |
| lincomycin | Liver | 0.05 | 0.1 | 16 | 0 | 0 | 0 |
| maduramicin | Liver | 0.01 | 1 | 4 | 0 | 0 | 0 |
| monensin | Liver | 0.01 | 0.5 | 4 | 0 | 0 | 0 |
| narasin | Liver | 0.01 | 0.1 | 4 | 0 | 0 | 0 |
| neomycin | Liver | 0.05 | 0.5 | 16 | 0 | 0 | 0 |
| nicarbazin (4,4'-dinitrocarbanilide) | Liver | 0.01 | 35 | 4 | 0 | 0 | 0 |
| oleandomycin | Liver | 0.05 | not set | 16 | 0 | 0 | 0 |
| oxytetracycline | Liver | 0.01 | 0.6 | 16 | 0 | 0 | 0 |
| salinomycin | Liver | 0.01 | 0.5 | 4 | 0 | 0 | 0 |
| semduramycin | Liver | 0.01 | not set | 4 | 0 | 0 | 0 |
| streptomycin | Liver | 0.1 | not set | 16 | 0 | 0 | 0 |
| sulfachloropyridazine | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfadiazine | Liver | 0.01 | 0.1 | 16 | 0 | 0 | 0 |
| sulfadimethoxine | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfadimidine (sulfamethazine) | Liver | 0.01 | 0.2 | 16 | 0 | 0 | 0 |
| sulfadoxine | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfafurazole  | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfamerazine | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfamethoxazole | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfamethoxydiazine (sulfameter) | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfamethoxypyridazine | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfapyridine | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfaquinoxaline | Liver | 0.02 | 0.1 | 16 | 0 | 0 | 0 |
| sulfathiazole | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| sulfatroxazole | Liver | 0.02 | not set | 16 | 0 | 0 | 0 |
| tetracycline | Liver | 0.01 | not set | 16 | 0 | 0 | 0 |
| tilmicosin | Liver | 0.05 | not set | 16 | 0 | 0 | 0 |
| trimethoprim | Liver | 0.01 | not set | 16 | 0 | 0 | 0 |
| tulathromycin | Liver | 0.1 | not set | 16 | 0 | 0 | 0 |
| tylosin | Liver | 0.1 | 0.2 | 16 | 0 | 0 | 0 |
| virginiamycin | Liver | 0.05 | 0.2 | 16 | 0 | 0 | 0 |

Table Contaminants

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| aldrin and dieldrin (HHDN+HEOD) | Fat | 0.01 | 0.2 | 5 | 0 | 0 | 0 |
| arochlor 1260 | Fat | 0.03 | not set | 5 | 0 | 0 | 0 |
| chlordane | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| DDT | Fat | 0.01 | 5 | 5 | 0 | 0 | 0 |
| endosulfan | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| endrin | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| HCB (hexachlorobenzene) | Fat | 0.01 | 1 | 5 | 0 | 0 | 0 |
| HCH (BHC) | Fat | 0.01 | 0.3 | 5 | 0 | 0 | 0 |
| heptachlor | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| lindane (gamma-HCH) | Fat | 0.01 | 0.7 | 5 | 0 | 0 | 0 |
| mirex | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| pentachlorobenzene | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |

Table Fungicides

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| boscalid | Fat | 0.01 | 0.5 | 5 | 0 | 0 | 0 |
| carbendazim | Fat | 0.01 | 0.1 | 5 | 0 | 0 | 0 |
| cyproconazole | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| fluquinconazole | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| flutriafol | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| fluxapyroxad | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| procymidone | Fat | 0.01 | 0.1 | 5 | 0 | 0 | 0 |
| propiconazole | Fat | 0.05 | 0.1 | 5 | 0 | 0 | 0 |
| prothioconazole | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| quintozene | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |

Table Herbicides

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ethofumesate | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| metolachlor | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| propachlor | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| pyrasulfotole | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |

Table Insecticides

| Chemical | Matrix | LOR (mg/kg) | MRL (mg/kg) | No. of samples tested | > LOR to ≤ ½ MRL | > ½ MRL to ≤ MRL | > MRL |
| --- | --- | --- | --- | --- | --- | --- | --- |
| bifenthrin | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| bioresmethrin | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| carbaryl | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| chlorantraniliprole | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| chlorfenapyr | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| chlorfenvinphos (sum of isomers) | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| chlorpyrifos | Fat | 0.01 | 0.1 | 5 | 0 | 0 | 0 |
| chlorpyrifos-methyl | Fat | 0.02 | 0.05 | 5 | 0 | 0 | 0 |
| coumaphos  | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| cyfluthrin (sum of isomers) | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| cyhalothrin (sum of isomers) | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| cypermethrin (sum of isomers) | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| deltamethrin | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| diafenthiuron | Fat | 0.02 | not set | 5 | 0 | 0 | 0 |
| diazinon | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| dichlorvos | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| dicofol | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| dimethoate | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| ethion | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| famphur | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| famphur oxygen-analogue | Fat | 0.05 | not set | 5 | 0 | 0 | 0 |
| fenitrothion | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| fenthion | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| fenvalerate (sum of isomers) | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| fipronil | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| flubendiamide | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| flumethrin | Fat | 0.05 | not set | 5 | 0 | 0 | 0 |
| imidacloprid | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| indoxacarb | Fat | 0.01 | 0.01 | 5 | 0 | 0 | 0 |
| malathion (maldison) | Fat | 0.01 | 1 | 5 | 0 | 0 | 0 |
| methidathion | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| methoxychlor | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| mevinphos | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| omethoate | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| parathion-methyl | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| permethrin (sum of isomers) | Fat | 0.01 | 0.1 | 5 | 0 | 0 | 0 |
| phosmet | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| pirimiphos-methyl | Fat | 0.01 | 0.05 | 5 | 0 | 0 | 0 |
| prothiofos | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| pyraclofos | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| spirotetramat | Fat | 0.01 | 0.02 | 5 | 0 | 0 | 0 |
| sulfoxaflor | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| tau-fluvalinate | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |
| temephos | Fat | 0.01 | not set | 5 | 0 | 0 | 0 |