



# Farmed buffalo residue testing annual datasets 2019–20

National Residue Survey (NRS), Department of Agriculture, Water and the Environment

## 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)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amoxicillin	kidney	0.01	not set	1	0	0	0
ampicillin	kidney	0.01	not set	1	0	0	0
apramycin	kidney	0.05	not set	1	0	0	0
avilamycin	kidney	0.05	not set	1	0	0	0
benzyl G penicillin	kidney	0.01	not set	1	0	0	0
ceftiofur (desfuroylceftiofur)	kidney	0.1	not set	1	0	0	0
cefuroxime	kidney	0.05	not set	1	0	0	0
cephalonium	kidney	0.05	not set	1	0	0	0
chlortetracycline	kidney	0.01	not set	1	0	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
cloxacillin	kidney	0.01	not set	1	0	0	0
dihydrostreptomycin	kidney	0.1	not set	1	0	0	0
doxycycline	kidney	0.01	not set	1	0	0	0
erythromycin	kidney	0.05	not set	1	0	0	0
gentamycin	kidney	0.05	not set	1	0	0	0
lincomycin	kidney	0.05	not set	1	0	0	0
neomycin	kidney	0.05	not set	1	0	0	0
oleandomycin	kidney	0.05	not set	1	0	0	0
oxytetracycline	kidney	0.01	not set	1	0	0	0
streptomycin	kidney	0.1	not set	1	0	0	0
sulfachloropyridazine	kidney	0.02	not set	1	0	0	0
sulfadiazine	kidney	0.01	not set	1	0	0	0
sulfadimethoxine	kidney	0.02	not set	1	0	0	0
sulfadimidine (sulfamethazine)	kidney	0.01	not set	1	0	0	0
sulfadoxine	kidney	0.02	not set	1	0	0	0
sulfafurazole	kidney	0.02	not set	1	0	0	0
sulfamerazine	kidney	0.02	not set	1	0	0	0
sulfamethoxazole	kidney	0.02	not set	1	0	0	0
sulfamethoxydiazine (sulfameter)	kidney	0.02	not set	1	0	0	0
sulfamethoxypyridazine	kidney	0.02	not set	1	0	0	0
sulfapyridine	kidney	0.02	not set	1	0	0	0
sulfaquinoxaline	kidney	0.02	not set	1	0	0	0
sulfathiazole	kidney	0.02	not set	1	0	0	0
sulfatroxazole	kidney	0.02	not set	1	0	0	0
tetracycline	kidney	0.01	not set	1	0	0	0
tilmicosin	kidney	0.05	not set	1	0	0	0
trimethoprim	kidney	0.01	not set	1	0	0	0
tulathromycin	kidney	0.1	not set	1	0	0	0
tylosin	kidney	0.1	not set	1	0	0	0
virginiamycin	kidney	0.005	not set	1	0	0	0

**Table 2: Metals**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
antimony	liver	0.01	no limit	2	0	0	0
arsenic (total)	liver	0.05	no limit	2	0	0	0
cadmium	liver	0.01	1.25	2	2	0	0

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lead	liver	0.01	0.5	2	2	0	0
mercury (total)	liver	0.01	no limit	2	0	0	0