Australian Government
Department of Agriculture and Water Resources

Buffalo residue testing annual datasets 2017–18

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, 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

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	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
cloxacillin	kidney	0.01	not set	1	0	0	0
dihydrostreptomycin	kidney	0.1	not set	1	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
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	0.05	not set	1	0	0	0

Table 2 Metals

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
antimony	liver	0.01	no limit	4	0	0	0
arsenic (total)	liver	0.05	no limit	4	2	0	0
cadmium	liver	0.01	1.25	4	4	0	0
lead	liver	0.01	0.5	4	4	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
mercury (total)	liver	0.01	no limit	4	0	0	0