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Animal Production Science

Supplementary Material

Differences in broiler bone, gut, and tissue mineral parameters, as influenced by broilers grouped based on bodyweight

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Appendix 1: Mineral concentration of the experimental diet

Elements	Concentration, ash basis (mg/kg)	Standard deviation	Concentration, fresh basis (%)
DM %	88.5	-	-
Ash %	5.1	-	-
B	224	8.3	11.3
Na	20465	1605	1035
Mg	29189	801	1477
P	128200	4486	6486
S	10409	274	526
K	178858	5221	9050
Ca	116306	5182	5885
Tl (semi-quant)	415895	32111	21044
Li	0.6	0.1	0.0
Be	0.3	0.1	0.0
Al	557.4	17.5	28.2
V	26.8	1.7	1.4
Chromium (Cr)	22.4	1.2	1.1
Manganese (Mn)	1986	137	100
Iron (Fe)	907	32.9	45.9
Cobalt (Co)	1.4	0.1	0.1
Nickel (Ni)	27.4	2.4	1.4
Copper (Cu)	246	1.9	12.5
Zinc (Zn)	1899	108	96.1
As	1.2	0.0	0.1
Selenium (Se)	0.3	0.0	0.0
Rubidium (Rb)	107	3.1	5.4
Strontium (Sr)	230	9.0	11.7
Mo	29.8	1.1	1.5
Ag	0.0	0.0	0.0
Cadmium (Cd)	2.6	0.2	0.1
Cesium (Cs)	0.3	0.0	0.0
Ba	203	6.1	10.3
Ti	0.0	0.0	0.0
Pb	1.8	0.2	0.1
U	28.4	1.6	1.4

Appendix 2: Mineral concentration of the wood shavings (Litter material)

Elements	concentrations (mg/kg)	Concentration in fresh basis (%)
DM%	93.35	-
Ash %	0.22	-
B	666.1	1.5
Na	10600	23
Mg	47800	105
P	22235	48
S	22436	49
K	132144	290
Ca	214809	472
Tl (semi-quant)	446212	982
Li	5.0	0.0
Be	0.0	0.0
Al	2349	5.2
V	3.9	0.0
Chromium (Cr)	116	0.3
Manganese (Mn)	23405	51
Iron (Fe)	2222	4.9
Cobalt (Co)	43.6	0.1
Nickel (Ni)	55.6	0.1
Copper (Cu)	348.7	0.8
Zinc (Zn)	2587	5.7
As	1.4	0.0
Selenium (Se)	2.1	0.0
Rubidium (Rb)	300	0.7
Strontium (Sr)	1744	3.8
Mo	3.2	0.0
Ag	9.6	0.0
Cadmium (Cd)	20.9	0.0
Cesium (Cs)	1.6	0.0
Ba	4323	9.5
Ti	0.0	0.0
Pb	54.3	0.1
U	1.2	0.0