

Table 4 Laboratory analysis of some nutritional macro elements of feeds stored at the airtight and open condition.

Manufactory label				
	P	Ca	Na	
Coppens [®]	0.09	1.0	0.4	
Multifeed [®]	1.2	2.2	-	
Vitafeed [®]	1.1	2.7	-	
Mean Monthly Macro elements				
November	P	Ca	Mg	Fe
Coppens [®] Airtight	1.17±0.01 ^d	1.60±0.01 ^c	0.29±0.02 ^c	1.82±0.00 ^e
Coppens [®] Open	0.96±0.01 ^e	1.0±0.11 ^d	0.29±0.02 ^c	1.50±0.01 ^f
Multifeed [®] Airtight	2.98±0.01 ^a	1.2±0.02 ^b	0.35±0.01 ^b	0.70±0.00 ^c
Multifeed [®] Open	1.28±0.02 ^b	1.2±0.03 ^b	0.35±0.02 ^b	0.65±0.01 ^d
Vitafeed [®] Airtight	0.79±0.01 ^f	2.7±0.02 ^a	0.78±0.01 ^a	2.36±0.02 ^b
Vitafeed [®] Open	1.21±0.01 ^c	2.7±0.09 ^a	0.78±0.01 ^a	2.94±0.01 ^a
p-value	<0.001	<0.001	<0.001	<0.001
December	P	Ca	Mg	Fe
Coppens [®] Airtight	1.00±0.01 ^e	0.97±0.01 ^e	1.28±0.02 ^{cd}	1.39±0.02 ^d
Coppens [®] Open	1.23±0.01 ^b	0.93±0.01 ^f	0.27±0.02 ^d	1.53±0.02 ^c
Multifeed [®] Airtight	1.52±0.01 ^a	1.00±0.02 ^c	0.29±0.01 ^c	1.23±0.01 ^e
Multifeed [®] Open	1.16±0.04 ^c	0.96±0.03 ^d	0.28±0.02 ^{cd}	1.05±0.01 ^f
Vitafeed [®] Airtight	1.05±0.01 ^d	2.00±0.02 ^a	0.58±0.02 ^a	2.23±0.02 ^b
Vitafeed [®] Open	1.04±0.01 ^d	1.60±0.01 ^b	0.46±0.05 ^b	2.41±1.05 ^a
p-value	<0.001	<0.001	<0.001	<0.001
January	P	Ca	Mg	Fe
Coppens [®] Airtight	1.27±0.01 ^b	1.27±0.01 ^d	0.26±0.02 ^c	2.42±0.02 ^c
Coppens [®] Open	1.26±0.01 ^c	1.26±0.01 ^d	0.23±0.04 ^d	2.42±0.09 ^c
Multifeed [®] Airtight	1.37±0.01 ^b	1.37±0.02 ^c	2.28±0.01 ^b	1.30±0.10 ^d
Multifeed [®] Open	1.38±0.02 ^a	1.38±0.03 ^c	0.27±0.01 ^{bc}	1.47±0.01 ^b
Vitafeed [®] Airtight	1.15±0.01 ^e	2.00±0.02 ^a	0.57±0.01 ^a	2.47±0.01 ^b
Vitafeed [®] Open	1.16±0.01 ^d	1.97±0.03 ^b	0.57±0.02 ^a	2.74±0.02 ^a
p-value	<0.001	<0.001	<0.001	<0.001
February	P	Ca	Mg	Fe
Coppens [®] Airtight	0.67±0.01 ^c	2.40±0.01 ^c	0.70±0.02 ^c	1.63±0.00 ^d
Coppens [®] Open	0.79±0.01 ^b	2.65±0.11 ^b	0.77±0.021 ^b	2.53±0.01 ^a
Multifeed [®] Airtight	1.67±0.01 ^c	2.69±0.01 ^a	0.78±0.01 ^a	1.10±0.00 ^e
Multifeed [®] Open	0.66±0.02 ^c	2.40±0.01 ^c	0.78±0.02 ^a	1.09±0.01 ^e
Vitafeed [®] Airtight	0.88±0.01 ^a	2.00±0.00 ^d	0.58±0.01 ^d	2.35±0.02 ^c
Vitafeed [®] Open	1.20±0.01 ^d	1.94±0.00 ^e	0.56±0.01 ^e	2.44±0.01 ^b
p-value	<0.001	<0.001	<0.001	<0.001
Coppens [®] Airtight	0.90±0.01 ^e	1.00±0.01 ^d	0.29±0.02 ^e	1.08±0.02 ^b
Coppens [®] Open	1.08±0.01 ^c	0.79±0.01 ^f	0.23±0.02 ^f	0.66±0.02 ^d
Multifeed [®] Airtight	1.58±0.01 ^b	1.20±0.02 ^c	0.35±0.01 ^d	1.88±0.01 ^a
March	P	Ca	Mg	Fe
Multifeed [®] Open	2.33±0.04 ^a	0.92±0.03 ^e	0.92±0.02 ^a	0.97±0.01 ^f
Vitafeed [®] Airtight	1.02±0.01 ^d	2.00±0.02 ^a	0.80±0.02 ^b	0.35±0.02 ^e
Vitafeed [®] Open	0.55±0.01 ^f	1.72±0.01 ^b	0.50±0.05 ^c	1.04±0.00 ^c
p-value	<0.001	<0.001	<0.001	<0.001
April	P	Ca	Mg	Fe
Coppens [®] Airtight	0.92±0.01 ^b	1.00±0.01 ^d	0.29±0.02 ^d	1.05±0.02 ^b
Coppens [®] Open	0.49±0.01 ^e	0.64±0.01 ^f	0.19±0.04 ^e	0.56±0.09 ^d
Multifeed [®] Airtight	0.80±0.01 ^c	1.20±0.02 ^c	0.35±0.01 ^c	1.05±0.10 ^b
Multifeed [®] Open	1.08±0.02 ^a	0.99±0.03 ^e	0.29±0.01 ^d	0.54±0.01 ^d
Vitafeed [®] Airtight	0.57±0.01 ^d	2.00±0.02 ^a	0.60±0.01 ^a	1.24±0.01 ^a
Vitafeed [®] Open	0.30±0.01 ^f	1.69±0.03 ^b	0.49±0.02 ^b	1.00±0.02 ^c
p-value	<0.001	<0.001	<0.001	<0.001