

Supplementary Table 1 Basal diet components of Se deficiency group

Main composition	Match ratio %
Corn	64.73
Soybean meal	28
Soybean oil	2.5
Calcium hydrogen phosphate	2.3
Stone powder	1.3
Lysine 70%	0.4
Salt	0.27
Chicken compound minerals	0.2
Methionine (DL-Met)	0.19
Choline (VB4, 50%)	0.07
chicken multivitamin	0.04
Nutrient content	
Crude protein %	17.6
Calcium %	1.11
Total P %	0.73
Available phosphorus %	0.51
The % of salt	0.36
Lysine %	1.101
Methionine %	0.463
Met + cystine %	0.778
Threonine %	0.669
Tryptophan %	0.202
Bird metabolic energy KC	2986
Crude fibre %	2.8
Crude fat %	5.3
Sodium %	0.13
Chlorine %	0.2

Kalium %	0.68
Cobalt mg/kg	0.8
Copper mg/kg	7.5
Magnesium/kg of iron	96
Manganese mg/kg	127.2
Zinc mg/kg	103.5
Iodine mg/kg	11.72
Se mg/kg	0.032
Chicken can use methionine %	0.435
Chicken can use lysine %	0.983
Chicken can use Met + cystine %	0.698
Chicken can use threonine %	0.573
Chicken can use tryptophan %	0.17
