

Table S1 Composition of animal diets

	NRC95 purified diet	HMD
Amino acid premix without methionine and cystine (g)	163.33	163.33
Methionine (g)	8.2	16.4
Cystine (g)	3.5	3.5
Corn starch (g)	417.2	409
Maltodextrin (g)	232	232
Fibre (g)	50	50
Soybean oil (g)	70	70
Minerals (g)	43.2	43.2
Vitamins (g)	12.5	12.5
Total (g)	1000	1000