

Supportive Information

Supplemental Table 1: Composition of diets (modified AIN93G, Ssniff GmbH)

Ingredient		Refined diet	+ cellulose	+ β -glucan
Casein	%	20	20	20
L-Cysteine	%	0.3	0.3	0.3
Corn starch	%	39.2	36.7	34.2
Maltodextrin	%	13.2	13.2	13.2
Sucrose	%	10	10	10
Cellulose	%	5	7.5	-
β -glucan preparation*	%	-	-	9.96
Vitamin premix, Ssniff	%	1	1	1
Mineral mix, mod. AIN93G	%	4	4	4
Choline Cl	%	0.3	0.3	0.3
tBHQ (antioxidant)	%	0.0014	0.0014	0.0014
Soybean oil	%	7	7	7
Proximate content				
Crude protein, CP	% wt/wt	17.7	17.7	17.7
Crude fat, CL	% wt/wt	7.1	7.1	7.1
Crude fibre	% wt/wt	5.0	7.5	7.5
Crude ash	% wt/wt	3.6	3.6	3.6
Energy (Atwater)	MJ/kg	16.1	15.7	15.7
CP	kcal%	18	19	19
CL	kcal%	17	17	17
Carbohydrate	kcal%	65	64	64

* containing 75.5% oat beta glucan.