

Supplementary Table 1: Composition of diets

Formula (in g/kg)	AIN93G	Isorhamnetin	Myricetin	Quercetin	Rutin
Casein	200.0	200.0	200.0	200.0	200.0
L-Cystine	3.0	3.0	3.0	3.0	3.0
Corn Starch	397.486	396.934	396.930	396.895	396.420
Maltodextrin	132.0	132.0	132.0	132.0	132.0
Sucrose	100.0	100.0	100.0	100.0	100.0
Soybean Oil	70.0	70.0	70.0	70.0	70.0
Cellulose	50.0	50.0	50.0	50.0	50.0
Mineral Mix, AIN-93G-MX (94046)	35.0	35.0	35.0	35.0	35.0
Vitamin Mix, AIN-93-VX (94047)	10.0	10.0	10.0	10.0	10.0
Choline Bitartrate	2.5	2.5	2.5	2.5	2.5
TBHQ, antioxidant	0.014	0.014	0.014	0.014	0.014
Isorhamnetin	0	0.552	0	0	0
Myricetin	0	0	0.556	0	0
Quercetin	0	0	0	0.591	0
Rutin	0	0	0	0	1.066