

Supplemental Table 7: Ingredients and nutritional information of diets fed to male mice

	CD	LPD	MD-LPD	WD [†]	MD-WD
Energy density (kcal/g)	3.10	3.10	3.10	4.63	4.63
Proportional energy content (%)					
Protein	16	8.4	8.4	14.7	14.7
Fat	23.4	23.1	23.1	41.4	41.4
Carbohydrate	60.5	68.5	68.5	43.9	43.9
<i>of which sugars</i>	20.7	23.6	23.6	34.6	34.6
Protein (% g/g)					
Casein	18.0	9.0	9.0	19.5	19.5
Fats (% g/g)					
Corn Oil	10	10	10	1	1
Milk fat	-	-	-	20	20
Cholesterol	-	-	-	0.15	0.15
Carbohydrates (% g/g)					
Sucrose	21.3	24.3	24.3	33.9	33.9
Starch Maize	42.5	48.5	46.0	15.0	12.3
Cellulose	5	5	5	5	5
Micronutrients (% g/g)					
Choline chloride	0.2	0.2	0.7	0.2	0.7
D,L-Methionine	0.50	0.50	1.25	0.00	0.75
Betaine	-	-	1.5	-	1.5
Mineral mix (AIN-76)	2	2	2	3.5	3.5
Vitamin mix (AIN-76)	0.5	0.5	0.5	1.0	1.0
*Folic Acid	1x10 ⁻⁴	1x10 ⁻⁴	1.6x10 ⁻³	2x10 ⁻⁴	1.6x10 ⁻⁶
*Vitamin B12	5x10 ⁻⁷	5x10 ⁻⁷	1.5x10 ⁻⁴	1x10 ⁻⁶	1.5x10 ⁻⁴

* Components contained within commercially available Vitamin mix AIN-76 that were supplemented in methyl-donor diets.

[†] WD is commercially manufactured by Special Diet Services, diet code 829100. All other diets are custom formulations from Special Diet Services.