

Online Supplemental Material

Supplemental Table S1. Composition of Harlan Teklad IS (TD.05656) and ID (TD.80396)

purified diets.

Ingredient	Diet	
	IS	IDD
	<i>g/kg</i>	
Casein, low Cu & Fe	200.0	200.0
DL-Methionine	3.0	3.0
Sucrose	548.6	549.9
Corn Starch	150.0	150.0
Corn Oil	50.0	50.0
Mineral Mix ² , Fe deficient (81062)	35.0	35.0
Vitamin Mix ³ , AIN-76A (40077)	10.0	10.0
Ferric Citrate ¹	1.4	-
Choline Bitartate	2.0	2.0
Ethoxyquin	0.01	0.01

¹ The IDD-30, IDD-20, and IDD-6 diets contained 0.154, 0.102 and 0.0 g/kg added Ferric Citrate respectively.

² Vitamin mix contained the following (g/kg mix): thiamin HCl, 0.60; riboflavin, 0.60; pyridoxine HCl, 0.70; niacin, 3.0; calcium pantothenate, 1.60; folic acid, 0.20; biotin, 0.02; vitamin B12, 1.0; dry vitamin A palmitate (500,000 U/g), 0.80; dry vitamin E acetate (500U/g), 10.0; vitamin D3 trituration (400,00U/g), 0.30; menadione sodium bisulfite, 0.20; sucrose, 981.1.

³ Mineral mix contained the following (g/kg mix): CaHPO₄, 500.0; NaCl, 74.0; C₆H₇K₃O₈, 220.0; K₂SO₄, 52.0, MgO, 24.0; MnCO₃, 3.5; ZnCO₃, 1.6; CuCO₃, 0.3; KIO₃, 0.01; Na₂SeO₃ · 5H₂O, 0.01; KCrS₂O₈, 0.6; sucrose 124.0.