

**SUPPLEMENTAL TABLE 1** Composition of the WGB, malt and BSG experimental diets(-Lr) and the same diets supplemented with *Lactobacillus rhamnosus* 271 (+Lr)

	WGB	Malt	BSG
	-Lr/+Lr	-Lr/+Lr	-Lr/+Lr
		<i>g/kg dry wt</i>	
WGB <sup>1</sup>	519.5 <sup>2</sup>	0	0
Malt <sup>3</sup>	0	661.2 <sup>2</sup>	0
BSG <sup>3</sup>	0	0	135.8 <sup>2</sup>
Casein <sup>4</sup>	120	120	120
DL-methionine <sup>4</sup>	1.2	1.2	1.2
Corn oil	50	50	50
Mineral mixture <sup>4</sup>	48	48	48
Vitamin mixture <sup>5</sup>	8	8	8
Choline chloride <sup>4</sup>	2	2	2
Sucrose	100	100	100
Wheat starch <sup>6</sup>	151.3	9.6	535.0

<sup>1</sup>Viking Malt AB (Halmstad, Sweden).<sup>2</sup>Corresponding to 80 g dietary fiber/kg dry diet<sup>3</sup>Carlsberg (Falkenberg, Sweden).<sup>4</sup>Sigma Aldrich, St Louis, MO.<sup>5</sup>Containing (g/kg): 0.37 CuSO<sub>4</sub>·5H<sub>2</sub>O, 1.4 ZnSO<sub>4</sub>·7H<sub>2</sub>O, 332.1 KH<sub>2</sub>PO<sub>4</sub>, 171.8 NaH<sub>2</sub>PO<sub>4</sub>·2H<sub>2</sub>O, 324.4 CaCO<sub>3</sub>, 0.068 KI, 57.2 MgSO<sub>4</sub>, 7.7 FeSO<sub>4</sub>·7H<sub>2</sub>O, 3.4 MnSO<sub>4</sub>·H<sub>2</sub>O, 0.02 CoCl<sub>2</sub>·6H<sub>2</sub>O, 101.7 NaCl (Bie & Berntsen A-S, Rødovre, Denmark).<sup>6</sup>Containing (g/kg): 0.62 menadione, 2.5 thiamin hydrochloride, 2.5 riboflavin, 1.25 pyridoxine hydrochloride, 6.25 calcium pantothenate, 6.25 nicotinic acid, 0.25 folic acid, 12.5 inositol, 1.25 p-aminobenzoic acid, 0.05 biotin, 0.00375 cyanocobalamin, 0.187 retinol palmitate, 0.00613 calciferol, 25 d- $\alpha$ -tocopheryl acetate, 941.25 maize starch (Apoteket, Malmö, Sweden).<sup>7</sup>Wheat starch (Cerestar, Krefeld, Germany).