

Table 2. Chemical fermentation characteristics in ruminal and fermenter samples.

Measure	Rumen	Fermenter	SEM ^a	<i>P</i> =
pH	6.56	6.25		NA ^b
Ammonia nitrogen (mg 100 ml ⁻¹)	14.6	17.9	2.5	NS ^c
Total VFA (mM)	98.1	122.8	7.9	0.07
Individual VFA (mol 100 M ⁻¹)				
Acetate	68.7	63.3	1.0	0.02
Propionate	15.4	19.0	1.7	NS
Butyrate	11.3	13.6	1.1	NS
Valerate	1.9	2.7	0.1	0.004
Branched chain ^d	2.6	1.4	0.3	0.03

a. SEM, standard error of the mean.

b. NA, not analysed.

c. NS, not significant (*P* > 0.05).

d. Branched chain, sum of isobutyrate, isovalerate and 2-methyl butyrate.