Supplementary material

Table S1: Standardization of the methodology used to quantify the levels of short-chain fatty acids in rumen liquid.

Itens	Acetic acid	Propionic acid	Butiric acid	Isovaleric acid	Valeric acid
R^2	0.9999	0.9998	0.9999	0.9996	0.9993
Equation	y = 0.0108x + 0.0141	y = 0.019x + 0.0033	y = 0.0251x + 0.0043	y = 0.032x + 0.0023	y = 0.028x + 0.004
Linear range (mmol L^{-1})*	9.12 - 136.73	3.36 - 100.84	2.63 - 78.96	1.06 - 31.92	1.12 - 33.59
LOD (mmol L^{-1})	1.14	0.84	0.66	0.27	0.28
LOQ (mmol L^{-1})	9.12	3.36	2.63	1.06	1.12
Accuracy	107.0	107.1	107.6	106.9	108.7
Repeatability (RSD)	0.69	0.96	1.96	0.99	1.05

* The linear range. LOD (limit of detection) and LOQ (limit of quantitation) were expressed in mmol of SFA for L of ruminal fluid

Table S2. Treatment vs. day interaction and day effect in serum biochemistry, oxidation biomarkers, and hematological variables of lambs fed or not with condensed tannins added to the concentrate.

Variable	Treatments[1]		SEM	*P*-value	
	Control	Condensed tannins		Treat × Day[2]	Day [3]
Globulin (g/dL)				**0.01**	**0.01**
d 0	5.36^{A}	4.26	0.14		
d 1	4.84^{AB}	3.89	0.15		
d 29	2.80^{bC}	3.50^{a}	0.15		
d 65	2.90^{bC}	3.90^{a}	0.13		
d 81	3.70^{bBC}	4.10^{a}	0.11		
Cholesterol (mg/dL)				**0.02**	**0.01**
d 0	49.1^{C}	51.3^{C}	6.74		
d 1	56.0^{C}	49.0^{C}	6.75		
d 29	70.7^{B}	62.8^{BC}	6.45		
d 65	92.1^{aA}	79.2^{bA}	6.37		
d 81	72.8^{B}	72.7^{AB}	6.37		
TBARS (nmol MDA/mL)				**0.03**	**0.05**
d 0	25.5	25.7^{A}	1.51		
d 1	26.3	25.4^{A}	1.84		
d 29	27.8^{a}	23.8^{bAB}	1.86		
d 65	25.1^{a}	20.8^{bB}	1.84		
d 81	23.1^{a}	19.6^{bB}	1.71		

Thiols (nmol SH/mg protein)				**0.01**	**0.01**
d 0	90.7	87.6^{B}	8.47		
d 1	94.6	97.4^{B}	8.51		
d 29	114^{b}	129^{aA}	8.92		
d 65	121^{b}	139^{aA}	8.27		
d 81	112^{b}	154^{aA}	8.99		
Hematocrit (%)				**0.05**	**0.38**
d 0	29.4	28.9	0.56		
d 1	33.0	30.5	0.56		
d 29	33.7	31.9	0.60		
d 65	34.5^{a}	30.9^{b}	0.59		
d 81	33.0	31.1	0.58		
Hemoglobin (g/dL)				**0.05**	0.21
d 0	11.5	10.9	0.28		
d 1	12.3	11.5	0.28		
d 29	12.6^{a}	11.1^{b}	0.28		
d 65	13.9^{a}	12.1^{b}	0.27		
d 81	13.4	12.5	0.27		
Leukocytes ($\times 10^3$ µL)				0.03	0.01
d 0	4.52^{B}	5.27^{B}	1.05		
d 1	12.5^{A}	11.9^{A}	1.15		
d 29	8.98^{bA}	11.2^{aA}	1.18		
d 65	11.6^{aA}	9.70^{bA}	1.12		
d 81	12.4^{A}	13.0^{A}	1.24		
Granulocytes ($\times 10^3$ µL)				0.01	0.45
d 0	1.28	1.51	0.10		
d 1	2.59	2.63	0.11		
d 29	1.70	1.78	0.11		
d 65	1.40	1.00	0.10		
d 81	2.84^{a}	1.66^{b}	0.10		
Lymphocytes ($\times 10^3$/µL)				0.01	0.01
d 0	2.71^{B}	2.76^{B}	0.25		
d 1	8.54^{A}	7.95^{A}	0.41		
d 29	6.78^{bA}	8.56^{aA}	0.45		
d 65	9.60^{A}	8.40^{A}	0.41		
d 81	7.89^{bA}	11.0^{aA}	0.42		
Monocytes ($\times 10^3$/µL)				0.01	0.02
d 0	0.52^{BC}	1.00^{AB}	0.05		
d 1	1.42^{AB}	1.34^{A}	0.09		
d 29	0.25^{C}	0.47^{BC}	0.06		

d 65	0.35^{C}	0.34^{C}	0.05
d 81	1.73^{aA}	0.37^{bC}	0.07

[1] Treatments: Lambs that received a diet with added condensed tannins in the concentrate (treatment); Lambs that did not receive the addition of condensed tannins in the concentrate (control).

[2] Means differ between groups ($P \leq 0.05$), illustrated by different letters (a,b) on the same line to demonstrate the interaction between treatment and day.

[3] Means differ between groups ($P \leq 0.05$), illustrated by different capital letters (A, B) on the same column to demonstrate the day effect.

Note: Pre-adaptation (d0).

Figure S1: Growth curve (mean and standard error of body weight) during the experimental period: control vs. condensed tannins. Day effect was observed ($P < 0.001$).

