

**Table II.** Growth parameters for *L. acidophilus* OSU133 and changes in pH (averages from three repeats) during fermentations under ohmic and conventional heating.

Heating method <sup>a</sup>	Fermentation temperature (°C)	Growth parameters <sup>b</sup>			pH changes <sup>b</sup>	
		Lag period (h)	Minimum generation Time (h)	Maximum growth (log <sub>10</sub> CFU/mL)	Total decline (pH units)	Time to inflection point (h)
<b>Treatments<sup>c</sup></b>						
Con	30	6.09*	1.03	9.80	1.92	21.9
L-Oh	30	0.34†	1.26	9.69	1.67	24.6
H-Oh	30	1.44‡	1.41	9.68	1.70	27.8
Con	35	1.54*	0.56	9.81	2.45	10.2
L-Oh	35	1.56*	0.47	9.70	2.28	10.1
H-Oh	35	0.92*	0.64	9.74	2.19	11.7
Con	40	1.24*	0.37	9.89	2.48	7.9
L-Oh	40	1.85*	0.33	9.82	2.51	7.6
H-Oh	40	1.28*	0.38	9.71	2.50	7.6
<b>Main factors<sup>d</sup></b>						
a. Method						
Con		2.96	0.65	9.83*	2.28*	13.3
L-Oh		1.25	0.69	9.74†	2.16†	14.1
H-Oh		1.21	0.81	9.71†	2.13†	15.7
b. Temperature						
	30	2.62	1.23*	9.72*	1.77*	24.8*
	35	1.34	0.55†	9.75*	2.31†	10.7†
	40	1.46	0.36‡	9.81†	2.49‡	7.7‡

<sup>a</sup>Heating methods are conventional (Con), ohmic heating at 15 V (L-Oh), and ohmic heating at 40V (H-Oh).

<sup>b</sup>Means within each data block (the three-data-point columns) with the same superscripts are not significantly different at  $p = 0.05$ .

<sup>c</sup>Mean comparisons among treatments were done when the main factors and their interactions were significant.

<sup>d</sup>Mean comparisons were done when the main factors were significant but factors' interactions were not significant.