

**Table 4 Mean iodine concentration of iodized salt samples produced by different companies**

Company	Iodine concentration (ppm)			$t_f$ -value <sup>a</sup>	$t$ -value <sup>b</sup>
	Production date 2004	Production date 2005	Total		
	Mean (SD)	Mean (SD)	Mean (SD)		
<b><i>Locally produced</i></b>					
Company EL ( $n = 10$ )	47.98 (10.81)	39.22 (5.23)	43.61 (9.2)	1.63	-2.18
Company C ( $n = 10$ )	58.32 (5.18)	57.28 (4.88)	57.54 (4.90)	0.08	4.8**
Company E ( $n = 10$ )	35.76 (3.64)	31.03 (8.45)	33.49 (6.60)	0.51	-7.86**
<b><i>Imported</i></b>					
Company S ( $n = 10$ )	34.22 (1.64)	31.33 (2.38)	32.68 (2.40)	1.16	-22.35**
Company M ( $n = 10$ )	48.61 (3.90)	43.62 (4.58)	46.12 (4.70)	1.12	1.59

<sup>a</sup>Comparing iodine concentrations between samples produced during 2004 and 2005.

<sup>b</sup>Comparing iodine concentrations with midpoint of Egyptian standards (50 ppm, range 30–70 ppm).

\*\* $P < 0.01$ .

SD = standard deviation.