

Table 5 Percentage loss of vitamin A in samples of fortified margarine, infant powder milk and infant cereal food produced by different companies

Product/ company	Production dates (range)	Storage time before analysis (range in months)	Vitamin A concentration (IU/10 g)			<i>t</i> -value ^a
			Actual Mean (SD)	Product label	% loss	
<i>Margarine</i>						
Company R (<i>n</i> = 6)	11/2005–02/2006	3–18	60.99 (27.38)	100.0	39.1	-2.46
Company G (<i>n</i> = 6)	02/2005–07/2005	13–15	2.88 (2.54)	570.0	99.5	-129**
Company E (<i>n</i> = 6)	09/2005–12/2005	5–8	9.55 (2.29)	30.0	68.2	-21.77**
<i>Infant formula milk</i>						
Company B1 (<i>n</i> = 6)	12/2004–8/2005	9–17	486.96 (173.97)	1698.3	71.3	0.23
Company B2 (<i>n</i> = 6)	09/2004–3/2005	16–20	1067.02 (722.9)	1800.0	40.7	1.43
Company S (<i>n</i> = 6)	03/2005	17	687.94 (371.0)	1400.0	50.9	-2.71
Company L (<i>n</i> = 6)	03/2005–04/2005	11–17	914.27 (243.5)	1800.0	49.2	-6.29*
<i>Infant cereal food</i>						
Company R (<i>n</i> = 6)	05/2005–10/2005	7–12	446.41 (271.34)	2500.0	82.1	-13.11**
Company C (<i>n</i> = 6)	03/2005–10/2005	7–12	341.70 (88.90)	1032.3	66.9	0.62

^aComparing vitamin A in samples with vitamin A concentration on label.

P* < 0.05; *P* < 0.01.

SD = standard deviation.