

Table 2: The National study on the microbiological quality and heat processing of cows' milk - Fluorophos results for pasteurised milk samples tested for MAP

Dairy ID	Sample type	Temp (°C)	Time (s)	Fluorophos (mU/L)
2	PSS	73	15	299.6
2	PW	73	15	247.1
13	PS	72	20	95.2
13	PSS	72	20	101.6
13	PW	72	20	79.6
27	PSS	78	16	114.9
27	PW	78	16	142.5
28	PW	72	15	72
39	PS	74	15	138.6
39	PSS	74	15	94.5
39	PW	74	15	102.4
44	PS	72	15	74.1
44	PSS	72	15	73.4
44	PW	72	15	97.8
45	PS	72	15	82.4
45	PSS	72	15	68.7
45	PW	72	15	74.6
49	PS	72.5	15	69.5
49	PSS	72.5	15	102.3
49	PW	72.5	15	126.5
53	PW	72.5	15	154.5
60	PS	73	15	89.6
60	PW	73	15	106.6
66	PW	Not available	Not available	60.1
112	PS	72.8	27	25.3
112	PSS	72.8	27	27.8
112	PW	72.8	27	31.1
116	PSS	72	15	113.2
116	PW	72	15	52.4
117	PS	74	15	172.4
117	PSS	74	15	98.6
117	PW	74	15	74.8
126	PS	74	21	56.3
126	PSS	74	21.4	56.3
126	PW	74	21.4	68.2
154	PW	72	15	49.8
174	PS	71.8	15	102.3
174	PSS	71.8	15	96.4
174	PW	71.8	15	135.4
186	PW	74.1	15	74.2
195	PS	74.5	15	90.1
195	PSS	74.5	15	103.4
195	PW	74.5	15	126.4
198	PS	72.5	15	86.6
198	PSS	72.5	15	98.9
198	PW	72.5	15	102.5
200	PS	72.5	15	32.5
200	PW	72.5	15	33.4
211	PS	72	15	132.3
211	PSS	72	15	112.4
211	PW	72	15	89.3
212	PS	73	15	63.8

Table 2: The National study on the microbiological quality and heat processing of cows' milk - Fluorophos results for pasteurised milk samples tested for MAP

212	PSS	73	15	56.9
212	PW	73	15	102.4
222	PSS	74	15	111.4
222	PW	72	15	113.2
224	PW	72	15	111.5
232	PS	73	18	12
232	PSS	73	18	26.7
232	PW	73	18	36.3
238	PS	72.5	15	24.3
238	PSS	72.5	15	16.5
238	PW	72.5	15	20.2
239	PSS	72.5	18	61.4
239	PW	72.5	18	48.6
240	PS	75	18	40.9
240	PSS	75	18	43.7
240	PW	75	18	66.8
243	PS	73	18	46.3
243	PSS	73	18	84.5
243	PW	73	18	69.6
246	PS	72	18	61.2
246	PSS	72	18	54.4
246	PW	72	18	47.9
254	PS	72	25	112.3
254	PSS	72	25	136.3
254	PW	72	25	180.7
256	PSS	72	18	400.4
256	PW	72	18	410.6
257	PW	73	18	61.5
261	PW	72.5	15	51.5
269	PSS	73	15	147.8
269	PS	73	15	131.4
269	PW	73	15	36.8
272	PSS	74.3	15	98.2
274	PSS	75	15	56.2
274	PW	75	15	32.5
293	PSS	72	15	31.4
293	PW	72	15	25.5
302	PW	74	15	152.3
307	PS	72.4	25	62.7
307	PSS	72.4	25	58.5
307	PW	72.4	25	47.9
329	PS	73.7	20	68.3
333	PW	73.5	25	124.2
336	PS	72	15	132.1
336	PSS	72	15	143.6
336	PW	72	15	123.4
337	PS	73	15	136.5
337	PW	73	15	15.6
338	PS	76	25	67.2
338	PSS	76	25	40
362	PS	74	17	42.3
368	PS	72	15	126.4
368	PW	72	15	154.2
368	PSS	72	15	297.9

Table 2: The National study on the microbiological quality and heat processing of cows' milk - Fluorophos results for pasteurised milk samples tested for MAP

371	PW	72.5	15	96.2
381	PS	74	15	129.6
381	PSS	74	15	122.4
381	PW	74	15	134.6
381	PS	74	15	49.2
381	PSS	74	15	43.2
381	PW	74	15	32.2
385	PSS	74	15	87.3
385	PW	74	15	85.1
389	PS	77	25	194.5
389	PW	77	25	86.4
398	PW	74	19	92.4
399	PS	72	15	126.5
399	PSS	72	15	120.3
399	PW	72	15	132.3
417	PW	72.5	15	306.6
427	PS	74	15	108.3
427	PSS	74	15	95.4
427	PW	74	15	66.8
430	PS	72	15	118.2
430	PSS	72	15	86.9
430	PW	72	15	109.6
433	PSS	72	15	127.4
433	PW	72	15	168.9
436	PS	72	15	112.6
436	PSS	72	15	88.2
436	PW	72	15	69.5
437	PS	>72	15	95.6
437	PSS	>72	15	102.5
437	PW	>72	15	97.6
454	PW	73.5	28.5	26.2
476	PS	66 (Batch)	40 mins	189.3
476	PSS	66 (Batch)	40 mins	95.6
476	PW	66 (Batch)	40 mins	168.6
481	PS	74	15	75.6
481	PSS	74	15	65.3
481	PW	74	15	71.2
483	PS1	72.8	27	130.3
483	PSS	72.8	27	179.3
483	PW	72.8	27	207.8
483	PS2	72.8	27	119.5
508	PSS	74.5	15	129.4
508	PW	74.5	15	98.4
513	PW	72	15	102.5
528	PS	72	18	25.7
528	PSS	74	18	67
528	PW	74	18	28
530	PS	72.5	15	29.4
530	PSS	72.5	15	112.6
530	PW	72.5	15	88.3
531	PW	72	25	106.2
542	PW	72.5	30	100.2
544	PW	Not available	Not available	38.2
544	PSS	Not available	Not available	124.3

Table 2: The National study on the microbiological quality and heat processing of cows' milk - Fluorophos results for pasteurised milk samples tested for MAP

544	PS	Not available	Not available	101.2
545	PS	74	15	152.2
545	PSS	74	15	116.9
545	PW	74	15	94.5
546	PS	Not available	Not available	159.6
546	PSS	Not available	Not available	147.2
546	PW	Not available	Not available	89.6
553	PS	73.7	18	27.2
553	PSS	73.7	18	29.2
553	PW	73.3	18	46.1
610	PW	Not available	Not available	141.2
614	PW	Not available	Not available	65.3
618	PW	Not available	Not available	106.4
618	PSS	Not available	Not available	112.3
618	PS	Not available	Not available	79.5
621	PW	72.5	15	119.4
624	PS	73	30	62.4
624	PSS	73	30	101.6
624	PW	73	30	95.2
629	PS	73.5	25	143.7
629	PSS	73.5	25	162.3
629	PW	73.5	25	116.2
278*	PW	74	25-26	134.6
614*	PSS	72	14	59.8

Note: * = MAP positives in Red and Bold

Summary of results

Fluorophos results mU/L	No of samples
1 - 49.9	36
50 - 99.9	67
100 - 149.9	61
150 - 199.9	13
200 - 249.9	2
250- 299.9	2
>300	3
Total	184