

Table 2. Changes of salts form of UHT milk storage at different temperatures

Storage temp. (°C)	Storage time(days)	Characters							
		Soluble Calcium mg/100ml	Colloidal Calcium mg/100ml	Soluble Magnesium mg/100ml	Colloidal Magnesium mg/100ml	Soluble Phosphate mg/100ml	Colloidal Phosphate mg/100ml	Soluble citrate mg/100ml	Colloidal citrate mg/100ml
4±2 °C	0	40.203	82.600	7.200	2.130	36.400	55.467	126.330	10.967
	30	40.463	82.753	7.200	2.150	36.400	55.467	126.333	10.967
	60	42.140	81.743	7.300	2.133	36.467	55.483	126.417	10.930
	90	44.177	80.927	7.400	2.117	36.577	55.473	126.500	10.930
	120	46.300	80.467	7.500	2.100	36.700	55.433	126.583	10.950
	150	48.580	79.037	7.600	2.083	36.800	55.417	126.667	10.950
	180	50.873	78.517	7.730	2.043	36.900	55.450	126.800	10.960
22±2 °C	0	40.380	82.567	7.230	2.138	36.408	55.470	126.358	10.967
	30	42.320	81.367	7.350	2.043	36.517	55.473	126.473	10.950
	60	44.423	80.513	7.467	1.983	36.650	55.433	126.603	10.910
	90	46.577	79.910	7.583	1.950	36.793	55.393	126.683	10.930
	120	48.810	78.567	7.683	1.940	36.900	55.400	126.817	10.950
	150	51.347	77.630	7.800	1.9167	37.030	55.400	126.967	10.920
	180	53.877	76.433	7.900	1.890	37.153	55.400	127.383	10.932
37±2 °C	0	40.737	82.580	7.330	2.057	36.467	55.483	126.417	10.967
	30	41.522	81.950	7.317	2.125	36.483	55.467	126.433	10.950
	60	44.773	80.603	7.567	2.000	36.730	55.400	126.667	10.930
	90	46.953	80.023	7.667	2.000	36.900	55.317	126.767	10.932
	120	49.313	78.667	7.767	1.973	37.083	55.300	126.923	10.930
	150	52.467	77.430	7.867	1.980	37.200	55.330	127.133	10.950
	180	54.877	76.250	7.945	1.971	37.330	55.330	127.583	10.950
L.S.D.* _{0.05}		0.502	2.400	0.0699	ns	0.164	ns	0.206	ns

LSD: Least significant difference, ns: not significant, ns: not significant.