

PT 75a: Milk & milk-based products: physico-chemical analyses

Details of the program:

- Proficiency testing scheme created in 2015
- **58 registered laboratories from 25 countries**
- **PTS accredited by COFRAC**
- 3 rounds per annual series
- The time for analysis is 4 weeks
- Samples are shipped via express carrier at the end of the previous month.



Schedule:

DATE	CODE	MATRIX	WEIGHT
October	0975	Baby milk	600 g
February	1275	Whole milk powder ^{NA}	500 g
April	1375	UHT semi-skimmed milk ^{NA}	1 L

CODE	PARAMETERS
	<i>The list of analytes below varies according to the nature of the sample</i>
0975	<p><u>Caloric value:</u> Moisture content, water activity, ashes, pH, proteins, cholesterol, lipids, total carbohydrates, available carbohydrates^{NA}, glucose, fructose, sucrose, lactose, maltose, galactose, sum of mono and disaccharides, FOS, starch, peroxide value^{NA}, free fatty acids, alkaline phosphatase^{NA}</p> <p><u>Minerals:</u> Calcium, copper, iron, manganese, magnesium, phosphorus, potassium, selenium, sodium, zinc, chlorides, iodine, fluorides., nitrites^{NA}, nitrates^{NA}</p> <p><u>Vitamins:</u> A, D, B1, B2, B3, B5, B6, B9, B12, H, K1, Tocopherols, lutein^{NA}, choline, taurine, carnitine, nucleotides^{NA}</p> <p><u>Fatty acids:</u> expressed in % (relative composition) and in g/100 (absolute contents)</p>
1275	<p><u>Caloric value:</u> Moisture content, water activity, ashes, pH, titratable acidity, proteins, cholesterol, lipids, total carbohydrates, available carbohydrates^{NA}, glucose, fructose, sucrose, lactose, maltose, galactose, sum of mono and disaccharides, FOS, starch, peroxide value^{NA}, fibers^{NA}, free fatty acids, alkaline phosphatase^{NA}</p> <p><u>Minerals:</u> Calcium, copper, iron, manganese, magnesium, phosphorus, potassium, selenium, sodium, zinc, chlorides, iodine, fluorides, nitrites^{NA}, nitrates^{NA}</p> <p><u>Vitamins:</u> A, D, B1, B2, B3, B5, B6, B9, B12, H, K1, Tocopherols</p> <p><u>Fatty acids:</u> expressed in % (relative composition) and in g/100 (absolute contents)</p>
1375	<p><u>Caloric value:</u> Dry matter, water activity, ashes, pH, titratable acidity, proteins, WPN index^{NA}, cholesterol, lipids, carbohydrates, glucose, fructose, sucrose, lactose, maltose, galactose, sum of mono and disaccharides, starch, oleic acidity, peroxide value^{NA}, alkaline phosphatase^{NA}, density^{NA}, freezing point^{NA}</p> <p><u>Minerals:</u> Calcium, copper, iron, manganese, magnesium, phosphorus, potassium, selenium, sodium, zinc, chlorides, iodine</p> <p><u>Vitamins:</u> A, D, B1, B2, B3, B5, B6, B9, B12, H, K1, Tocopherols</p> <p><u>Fatty acids:</u> expressed in % (relative composition) and in g/100 (absolute contents)</p>

NA *: Not accredited parameter

Note: Matrices and analytes may be changed or removed for technical or scientific reasons.

Please refer to current application form available in your member area (www.bipea.org).

