



# "COMMODITY CHARACTERIZATION AND QUALITY ASSESSMENT OF BUTTER"



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# CHEMICAL COMPOSITION AND NUTRITIONAL VALUE OF BUTTER

- ⦿ The chemical composition of milk fat is the most complex of all fats of vegetable and animal origin. The composition of milk fat includes fatty acids: saturated and unsaturated, the content of which, respectively, is 63.9 - 70.1% and 29.9 - 36.1%.
- ⦿ Microelements in oil (iron, zinc, copper, manganese) macro elements (calcium, magnesium, potassium, phosphorus) - vitamins (A,P,B1,B2,D,E,PP).

# FACTORS FORMING THE QUALITY OF BUTTER

The main raw material in the production of butter is a food product made from cow's milk, consisting mainly of milk fat and having a specific, characteristic taste, odor. It represents a plastic consistency from light yellow to yellow. For direct consumption, use or sterilized oil.



# FACTORS PRESERVING THE QUALITY OF BUTTER

- Oil comes into the implementation only in a packaged form in a package from 10gr to 500g





Packaging of oil is produced in parchment paper and its substitutes, foil - aluminum laminated.



# STORAGE AND TRANSPORTATION OF BUTTER

- The oil is packed in monoliths of 20 and 24 kg, in briquettes with a mass of 10, 15, 20, 30, 100, 200, 250,500 g, in cups of polymer materials from 100 to 250 g. The oil in monoliths is packaged in containers - cardboard or board boxes, parchment
- Transportation of oil from factories and oil syrups distribution refrigerators of trade is carried out in refrigerated transport, motor vehicles with isothermal body. Allowed transportation of oil in open machines using shelters, temperature (-3 ... -5 ° C and below)



# ORGANOLEPTIC EVALUATION OF BUTTER "PROSTOKVASHINO"

<b>The name of the indicator according to the standard</b>	<b>Name of natural sample</b>	<b>Light-shiny, dry on appearance</b>
Appearance	Light-shiny, dry on appearance	Complies with
Consistency	Homogeneous plastic, dense oil surface	Complies with
Taste and smell	Clean without foreign tastes and odors, characteristic of butter	Complies with
Color	Light yellow,	Complies with