

**UNSALTED LACTIC BUTTER EACH 25 KG NET
TEST METHOD & TYPICAL ANALYSIS CERTIFICATE
ORIGIN: UKRAINE**

Samples of the products have been examined and subject to laboratory analysis by international standards of testing methods:

Typical Aerobic Plate Count	- < 1×10 ⁵ (1.6×10 ³) cfu/g
Typical Coliforms	- Negative/g
Typical E.Coli	- Negative/g
Typical Listeria	- Not detected/125g
Typical Milkfat	- 82.0%
Typical M/solids not fat	- max 2.0 %
Typical Moisture	- max 16.4 %
Typical Peroxide Value	- 0.2000 MO ₂
Typical pH	- > 6.25
Typical Salmonella	- Negative /250g
Typical Staphylococcus	- Negative
Typical Yeasts&Moulds	< 100 in total cfu/g (< 10)
Typical Peroxide Value	0.2 mEq O ₂ /kg
Typical Free Fatty Acids	< 0.3% m/m expressed as Oleic acid
Typical Aflatoxin B ₁	< 0.001 mg/kg M ₁ < 0.0005 mg/kg

SPECIFICATION/CHEMICAL

A. Pure fat from cow's milk not less than 82.0%:	By difference calculation ISO 8851-3:2004/IDF191-3:2004
B. Moisture not more than 16.4%:	ISO 8851-1/IDF 191-1:2004
C. Milk Solids Non-fatt:	max 2.0% By difference calculation ISO 8851-2:2004/IDF 191-2:2004
D. Iodine Index 26-40 Range:	ISO 17678/IDF 202:2010
E. Saponification Value 225-235 Range:	ISO 17678/IDF 202:2010
F. Acidity Expressed as Oleic Acid:	0.3% max AOCS Ca 5a-40 (Titration 0.1 M NaOH)
G. Peroxide Index 1 M Eq Per Kg max:	IDF 74A:1991
H. Melting Interval 28-36 Range:	AOCS Cc 18-80
I. Lead less than 0.1(0.06) mg/kg	ICP-OES
J. Vegetable Sterol (Except cholesterol) 5% max:	ISO 17678/IDF 202:2010
K. Typical Fatty Acid Composition of Milk fat:	ISO 17678/ IDF 202:2010

TYPICAL FATTY ACID COMPOSITION (G FATTY ACID/100G FATTY ACIDS)

FATTY ACID	MIN%	MAX%
BUTYRIC C4:0	2.7	4.5
CAPROIC C6:0	1.8	2.7
CAPRYLIC C 8:0	1	1.7
CAPRIC C 10:0	2.2	3.9
LAURIC C 12:0	2.5	4.5
MYRISTOLEIC C 14:1	0.5	1.2
MYRISTIC C 14:0	9.1	13.1
PALMATIC C 16:0	23.6	33.3
PALMITOLEIC C16:1	0.7	2.3
STEARIC C 18:0	9.1	14.6
OLEIC C 18:1	18.3	29.6
LINOLEIC C 18:2	0.8	1.7
LINOLENIC C 18:3	0.8	2.0
ARACHIDIC C 20:0	0.05	0.3

SPECIFICATION/ MICROBIOLOGICAL

A. Moulds & Yeasts Tolerance less than 100 in total in 1 gram (< 10):	ISO 6611/ IDF 94:2004
B. Coliforms negative per gram:	ISO 4832:2006
C. E.coli to be Absent in 1 gram:	ISO 11866-1/ IDF 170-1:2005
D. Staphylococcus aureus negative in 1 gram:	ISO 6888-3:2003
E. Psychotropic bacteria, gram negative, maximum 100000 in one gram:	ISO 6730/IDF 101:2005
F. Aflatoxin M1 maximum 0.0005 mg/kg ELISA	