Wholesale-Retail Online Store «Mylo-Opt»
Address: 1st Pishchanyi Lane, 1, Kremenchuk, Poltava Region, Ukraine
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CERTIFICATE OF ANALYSIS

Product:	Bear Fat
INCI:	Bear Fat
Article:	TM20111005
Batch No.:	3258/7896-56
Type:	Refined animal fat, semi-solid
Country of origin:	Ukraine
Supplier and packer:	Mylo-Opt, Kremenchuk, Ukraine
Supply form:	Repacked from bulk. Original manufacturer packaging is not supplied.
Document date:	28/10/2026
Best before:	24 months from manufacturing (see label)

PHYSICOCHEMICAL RESULTS

Parameter	Specification	Result
Appearance	Semi-solid white to yellow	Complies
Odour	Characteristic fat	Complies
Density (20 °C)	approx. 0.924 g/cm³	0.923 g/cm³
Refractive index (20 °C)	1.455 – 1.470	1.460
Acid value	max 1.0 mg KOH/g	0.1
Iodine value	55 – 75 g I_2/100 g	63
Peroxide value	max 5.0 mEq O_2/kg	0.7
Saponification value	180 – 200	190
Melting point	30.0 – 45.0 °C	38.0 °C
Colour (Lovibond 5¼)	max 5.0	4.3

FATTY ACID COMPOSITION (%)

Fatty acid	Typical / Spec	Result
Palmitic (C16:0)	3.0 – 9.0	6.0
Stearic (C18:0)	—	29.4
Oleic (C18:1)	40.0 – 57.0	55
Linoleic (C18:2)	—	8.7
Linolenic (C18:3)	—	0.3
Eicosanoic (C20:0)	max 2.5	1.3
Others	—	balance

IDENTITY AND REGULATORY

Refined bear fat (Ursus fat) of Ukrainian origin. Suitable as emollient / skin conditioning agent in cosmetic formulations under Regulation (EC) No 1223/2009 when properly documented in the Product Information File and Cosmetic Product Safety Report. Not for oral use without separate food authorization.

STORAGE

Store in a cool, dark place in a tightly closed container, protected from light. Document date 28/10/2026. Batch 3258/7896-56.

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