

- Food
- Food Additive
- Cosmetic
- Quasi-drug



Hokkaido

Upcycling

Technical  
Data

## 『 Hokkaido Sika Deer Refined Oil 』

### Oil from Natural Sika Deer from Hokkaido



Hokkaido sika deer is a subspecies of Japanese deer that lives only in Hokkaido. Once on the brink of extinction, the population has now rapidly recovered due to conservation policies such as banning hunting. As a result, problems such as agricultural damage and traffic accidents are occurring. For this reason, local government is gradually expanding the hunting quota and increasing the number of animals captured. The hunted Hokkaido sika deer are butchered at a deer meat processing facility certified by the Hokkaido Prefectural Government and distributed as meat. At this timing, deer fat is developed as a cosmetic raw material by deodorizing and refining subcutaneous fat, which has no utility until now.

It has a fatty acid composition similar to horse oil, and has the unique familiarity of animal oil.

#### Expected Function

- ◎ Moisturizing effect on the skin
- ◎ Anti-wrinkle measures
- ◎ Aging care
- ◎ Burns, skin irritation, sunburn, etc.

#### Uses

- ◎ Ingredient for cosmetics

#### Fatty Acid Composition

Fatty acids	Content rate
Palmitic acid	35.4 %
Stearic acid	16.1 %
Arachidic acid	0.2 %
Palmitoleic acid	7.8 %
Oleic acid	23.7 %
Eicosenoic acid	0.5 %
Linoleic acid	1.6 %
Alpha-linoleic acid	1.1 %
Other	13.6 %

\*Numbers are just an analysis example.  
It does not guarantee the content of the product.

#### Indication for Cosmetics / Composition

Indicated Name	Deer Fat	Over 99.90 %
	Tocopherol	0.05 %
INCI Name	DEER FAT	
	TOCOPHEROL	

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#### Quality Standard Composition

Material	Subcutaneous fat of Sika deer
Property	White to light yellow paste without offensive odor
Acid value	Less than 2
Iodine value	30~60
Saponification value	190~210
Unsaponifiables	Less than 4 %
Heavy metals	Less than 20 ppm
Arsenic	Less than 2 ppm

#### Other

Quantity	15kg (18 litre drum)
Shelf life	3 years from the production date
Storage condition	Keep in cool (under 10°C) dry place and avoid direct sunlight

#### Company Information

Ver.2304

**North Life Co., Ltd.**

Uni Building 2F, Nishimachi Kita 6 Chome1-1  
Nishi-ku, Sapporo, Hokkaido, JAPAN 063-0061  
TEL +81-11-887-7970 FAX +81-11-887-7971  
E-mail: info@northlife.co.jp WEB: www.northlife.co.jp/