



EGG YOLK LECITHIN PL-30S

Egg Yolk Oil

Kewpie Corporation

“EGG YOLK LECITHIN PL-30S” is a high quality egg yolk oil produced from fresh egg yolk by our original extraction technology and contains high level of phospholipids .

EXCELLENT FEATURES OF EGG YOLK LECITHIN PL-30S

EGG YOLK LECITHIN PL-30S is an orange-yellow colored oily substance containing more than 30% of phospholipids. It has high stability against heat and storage period . It can be used for wide range of food items to enhance rich egg flavor and nutrition, including nutritional supplements in soft-capsules . It can also be used for cosmetics as emulsifier or emollient .

A TYPICAL COMPOSITION OF LIPIDS (by TLC/FID method)

Phosphatidylcholine	29 . 6 %
Phosphatidylethanolamine	4 . 7 %
Triglyceride	62 . 6 %
Cholesterol	3 . 0 %

A TYPICAL COMPOSITION OF FATTY ACIDS

C16-0	C16-1	C18-0	C18-1	C18-2	C20-4	C22-6	Others (not identified)
25.6 %	2.7 %	9.6 %	42.1 %	12.7 %	1.9 %	0.5 %	5.0 %

A TYPICAL COMPOSITION OF NUTRIMENTS (per 100 g)

Calories	913 kcal
Protein	0 g
Fat	97 g
Carbohydrate	0 g
Sodium	117 mg

U S E

<For foods>

Apply 0.05~2.0% of Egg York Lecithin PL-30S to foods which require heat treatment or pasteurization to have rich egg flavor .

Examples : cookies , biscuits , retort pouch foods (soup etc) , margarine , shortening , custard , ice-cream and others .

<For cosmetics>

Phospholipids of Egg York Lecithin PL-30S exercises excellent emulsifying and emollient effects which is good for various cosmetic products .

Examples : hair-care products , skin creams , milky lotions , lip-sticks and lip creams , toiletries and others .

SPECIFICATIONS AND A TYPICAL ANALYSIS

<for foods >

	Specifications	Analysis
Acid Value	NMT 10	8
Iodine Value	65 ~ 85	72
Peroxide Value	NMT 5.0 meq/kg	0 meq/kg
Heavy Metals	NMT 10 ppm	NMT 10 ppm
Arsenic	NMT 2 ppm	NMT 2 ppm
Phospholipids	NLT 30.0 %	34.6 %
Loss On Drying	NMT 5.0 %	1.5 %
Aerobic Plate Counts	NMT 300/g	NMT 10/g

< for cosmetics >

	Specifications	Analysis
Acid Value	NMT 10.0	7.9
Saponification Value	179 ~ 210	194
Iodine Value	65 ~ 85	73
Unsaponifiable Matter	NMT 6 %	3 %
Loss On Drying	NMT 5.0 %	3.0 %
Peroxide Value	NMT 5.0 meq/kg	0 meq/kg
Protein	Negative	Passed
Heavy Metals	NMT 10 ppm	NMT 10 ppm
Arsenic	NMT 2 ppm	NMT 2 ppm

COMPOSITION

Ingredient Name	INCI Name	Composition
Egg Yolk Oil	Egg Oil	100 %

* This conforms to "Egg Yolk Oil" in The Japanese Standards of Quasi-drug Ingredients.

STORAGE AND EXPIRY

Storage : Store below 10°C

During the storage oil may be separated but does not affect the quality of PL-30S adversely , so stir it well before use .

Expiry : 1 year from the manufacturing date. (unopened, below 10 °C)

PACKING

1kg (in poly bottle/inner carton) × 6 = 1 carton

5kg (in poly bottle) × 2 = 1 carton

15kg (in poly bag) × 1 = 1 can



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