



KIDDY OLIVE OIL

Kiddy olive oil is an olive oil, 100% natural, high content in Vitamin E. Commercial olive oil are very poor in that substance due to refining process. Casa Olio Sperlonga R&D developed kiddy olive oil by selection of high quality extra virgin olive oil rich in vitamin E. Kiddy oil has a concentration of vitamin E close to an extra virgin olive oil but has not strong taste and color.

VITAMIN E

- Promotes growth and development regularly
- Care and prevents vitamin E deficiency in premature babies or underweight
- Prevents the processes of oxidation of free radicals in the body
- Acts as an anti-coagulant
- It protects tissues against oxidation
- It promotes the normal formation of red blood cells

1. GENERAL INFORMATION

Trade description: Kiddy olive oil

Product description: oil comprising exclusively refined and virgin oils

Certification of company: BRC, IFS, ISO 9001:2008

2. PHYSICAL-CHEMICAL CHARACTERISTICS*

PARAMETERS	UNIT	VALUE
Acidity	%	≤ 0.35
Peroxide index	MeqO ₂ /kg	≤ 5
K232	-	-
K270	-	≤ 0.90
ΔK	-	≤ 0.15

ECN42	-	≤ 0.3
2-glyceril monopalmitate	%	≤ 0.9 if total palmitic acid % ≤ 14% ≤ 1.0 if total palmitic acid % > 14%
Σ FAME + FAEE	mg/kg	-
Waxes	mg/kg	≤ 350
Stigmastadiens	mg/kg	-
Moisture and volatile matter	%	≤ 0.05
Insoluble impurities	%	≤ 0.05
Saponification value	mg KOH/g oil	184 - 196
Unsaponifiable matter	g/kg	≤ 15
Iodine value	WIJS	75-94
Cold test	h/10°C	5.5

ORGANOLEPTIC EVALUTATION

Color	-	Yellow
Appearance	-	Limpid (filtered)
State	-	Liquid at room temperature

FATTY ACID CONTENT

Myristic	%	≤ 0.05
Linolenic	%	≤ 1.0
Arachid	%	≤ 0.6
Eicosenoic	%	≤ 0.4
Behenic	%	≤ 0.2
Lignoceric	%	≤ 0.2
Palmitic	%	7.5 – 20.0
Palmitoleic	%	0.3 – 3.5
Heptadecanoic	%	≤ 0.3
Heptadecenoic	%	≤ 0.3
Stearic	%	0.5 – 5.0
Oleic	%	55.0 – 83.0
Linoleic	%	3.5 – 21.0

TRANS FATTY ACID

C 18:1 T	%	0.20
C 18:2 T + C 18:3 T	%	0.30

STEROLS COMPOSITION

Cholesterol	%	≤ 0.5
Brassicasterol	%	≤ 0.1
Campesterol	%	≤ 4.0
Stigmasterol	%	< Camp.
Betasitosterol	%	≥ 93
Δ7 stigmastenol	%	≤ 0.5
Total sterols	mg/kg	≥ 1000
Erythrodiol + uvaol	%	≤ 4.5

* For other specifications not contained in this file, extra virgin oil respects parameters fixed in Codex alimentarius Standard for olive oils and olive pomace oils (CODEX STAN 33-1981).

3. CONTAMINANTS

PARAMETERS	UNIT	VALUE
Lead	mg/kg	0.1
Arsenic	mg/kg	0.1
Iron	mg/kg	3.0
Copper	mg/kg	0.1
Single halogenated solvent	mg/kg	0.1
Sum all halogenated solvents	mg/kg	0.2
Benzo(a)pirene	µg/kg	2.0
HPAs**	µg/kg	10.0
Sum of dioxins (WHOPCDD/F-TEQ)	pg/g fat	0.75
Sum of dioxins and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ)	pg/g fat	1.25
Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 (ICES – 6)	pg/g fat	40.0

** Sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene

4. NUTRITIONAL CHARACTERISTIC (100 GR)

ITEM	UNIT	VALUE
Energy	Kcal	900 (824 in 100ml)
Protein	g	0.0
Total fat	g	100.0
Saturated fat	g	15.0
Monounsaturated fat	g	78.0
Polyunsaturated fat	g	7.0
Trans fatty acid	g	0.0
Cholesterol	g	0.0
Carbohydrate	g	0.0
Sodium	g	trace
Water	g	0.0
Total fiber	g	0.0
Soluble fiber	g	0.0
Insoluble fiber	g	0.0

Alcohol	g	0.0
Potassium	mg	trace
Calcium	mg	0.0
Phosphorus	mg	0.0
Magnesium	mg	0.0
Zinc	mg	trace
Selenium	g	trace
Thiamine	mg	0.0
Riboflavin	mg	0.0
Niacin	mg	0.0
Vitamin A retinol eq. (G)	µg	0.0
Vitamin B-6	mg	0.0
Vitamin B-12	mg	0.0
Vitamin C	mg	0.0
Vitamin D (D3)	µg	0
Vitamin E (α TE)	mg	200
Vitamin K	µg	0.0
Phytic acid	mg	0.0

- **Nutritional facts for label**

Items	100g	100ml
Total Fat	100g	91,6g
-Saturated Fat	15g	13,7g
-Monounsaturated Fat	74g	67,8g
-Polyunsaturated Fat	11g	10,1g
Energy	900kcal/3700kj	824kcal/3389kj
Carbohydrate	0g	0g
Protein	0g	0g
Salt	0g	0g
Vitamin E (αTE)	≥ 20 mg	18,3 g

5. ALLERGENS

Cow milk protein	No
Lactose	No
Chicken egg	No
Soy protein	No
Soy oil	No
Gluten	No

Wheat	No
Rye	No
Beef	No
Pork	No
Chicken meat	No
Fish	No
Shell Fish	No
Corn	No
Cocoa	No
Yeast	No
Legumes	No
Nuts	No
Oils from nuts	No
Peanut	No
Peanut oil	No
Sesame	No
Sesame oil	No
Glutamate (E620-E625)	No
Sulfites (E220-E228)	No
Benzoic acid (E210 – E213)	No
Parabens (E214-E219)	No
Azorubine (E122)	No
Tartrazine (E102)	No
amarante (E123)	No
Ponceau 4R (E124)	No
Jaune orangé S (E110)	No
Cinnamon	No
Vanilla	No
Coriander	No
Celery	No
Mustard	No
Carrot	No
BHA/BHT (E320-E321)	No
Sorbic acid (E200-E203)	No
Lupin	No
molluscs	No
Cow milk protein	No
Lactose	No
Chicken egg	No
Soy protein	No
Soy oil	No
Gluten	No
Wheat	No
Rye	No

Beef	No
Pork	No
Chicken meat	No
Fish	No
Shell Fish	No
Corn	No
Cocoa	No
Yeast	No
Legumes	No
Nuts	No

6. MICROBIOLOGICAL CHARACTERISTICS

Based on the currently available literature, foodborne pathogens are not likely to occur in pure olive oil. Surveys that included a determination of general bacterial populations found levels from below the limit of detection (1 to 2 log CFU/ml) to 3 log CFU/ml.

7. GENETICALLY MODIFIED ORGANISMS (GMOs)

Casa oilio Sperlonga kiddy olive oil does not contain genetically modified organisms.

8. FOOD ADDITIVES

Casa oilio Sperlonga kiddy olive oil does not contain additives.

9. TREATMENTS

Irradiation	No
Fumigation	No
Ionisation	No

10. DIRECTION FOR USE

Direct eating	Yes
For cooking	Yes
Pan frying	Yes
Deep frying	Yes
Vegans	Yes
Vegetarians	Yes
Lacto-ovo vegetariana	Yes

11. SHELF LIFE

36 months from manufacture date (Minimum durability term).

12. STORAGE

Cool and dry place away from direct light.

13. ALLOWED CLAIM BY EUROPEAN UNION (UE REG 1924/2006 – 432/2012)

SOURCE OF VITAMIN E

Vitamin E contributes to the protection of cells from oxidative stress