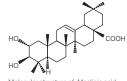
Olive Fruit Maslinic acid

Powder Ingredient including Maslinic acid

This product is extracted and purified from olive fruit. This ingredient contains Maslinic acid.





Specifications -

400/		Olive Fruit Maslinic acid P30	
10 % or more		30 % or more	
1kg, 100g			
Pale yellow to light green powder			
≤ 1×10³ cfu/g			
	Nega	ative	
	≦ 20	ppm	
	≦ 2	ppm	
		1kg, Pale yellow to lig ≤ 1×10 Nega ≤ 20	1kg, 100g Pale yellow to light green powder

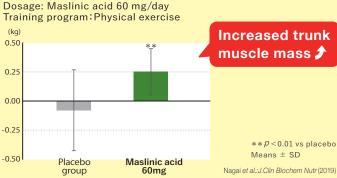


Research and Evidences

Changes in Muscle

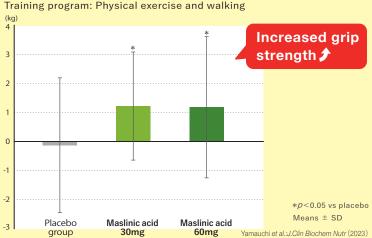


Participants: 71-79 years, 39 subjects, RCT Period of administration: 12 weeks Dosage: Maslinic acid 60 mg/day



Changes in Grip Strength

Participants: 48-86 years, 69 subjects, RCT Period of administration: 12 weeks Dosage: Maslinic acid 30 mg/day, 60 mg/day

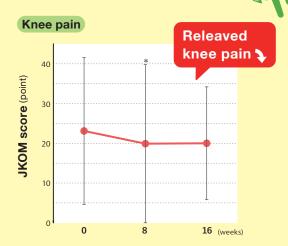


Efficacy in Relief of Knee Joint Pain

Participants: 29 subjects (avg. 70.7 years) /

an open-label study

Period of administration: 16 weeks Dosage: Maslinic acid 30 mg/day





* P < 0.05 vs 0 week Means ± SD Fukumitsu et al.: J.Clin Biochem Nutr (2017)











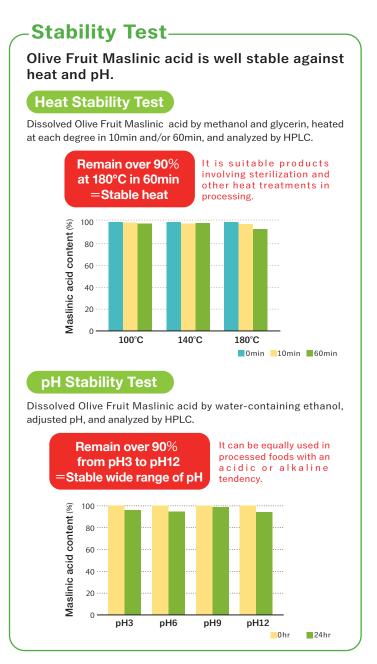


Jellies

Gummy, candies

Research and Evidences

Alleviation of **Fatigue and Mucle Soreness** Participants: 19-21 years, 12 subjects, RCT crossover design Period of administration: 1 weeks Dosage: Maslinic acid 60 mg/day Training program: Physical training Fatigue **Alleviated** perceptual fatique 🔪 VAS score (day) **Muscle Soreness** Alleviated perceptual muscle soreness 🕽 VAS score Placebo Maslinic acid 60 mg/day *P < 0.05, **P < 0.01 vs placeboMeans ± SD Shirai et al.: J Int Soc Sports Nutr (2023)



The analysis of Maslinic acid content using HPLC We could quantitate the content of Maslinic acid in raw materials and processed foods. If you have any questions in relation to quantitative determination of Maslinic acid in products, please feel free to contact us. Measurement sample 2 Measurement sample (1) Maslinic acid content Chart of a standard sample in a tablet containig Absorbance (A=210nm) Absorbance (A=210nm) Olive Fruit Maslinic acid **Maslinic acid** Maslinic acid Time Time

