

PetGaia™ 20/25 OS

**Natural Full Spectrum
Tocotrienols/Tocopherol & Squalene
Complex 20% and 25% Oil Suspension**

Applications - Pet Foods, Pet Supplements
and Pet Care Products

Description

PetGaia™ 20/25 OS - natural full spectrum tocotrienols/tocopherol & squalene complex is a Non-GMO, soy-free, corn-free, vegetarian, and amber oil suspension of 20% natural full spectrum tocotrienols/tocopherol complex and 25% plant squalene.

PetGaia™ 20/25 OS is a plant-derived potent lipid antioxidant complex that is essential for pet health. It consists of plant squalene, tocotrienol (also known as the Super Vitamin E) and trace level of other palm phytonutrients such as plant sterols. These phytonutrients are naturally extracted from sustainably-sourced palm fruits (*Elaeis guineensis*).

The unique combination of these phytonutrients in its natural proportion and their synergistic effects are responsible for the many beneficial health effects associated with tocotrienols/tocopherol and plant squalene, particularly in conferring healthy skin and coat as well as immune enhancement and anti-inflammation.

Specification

		Typical Value*
TOTAL TOCOTRIENOLS/TOCOPHEROL	200 mg/g (20.0%) Minimum	212.4 mg/g
TOTAL PLANT SQUALENE	250 mg/g (25.0%) Minimum	290.0 mg/g
TOTAL PHYTOSTEROLS	10 mg/g (1.0%) Minimum	19.0 mg/g
Breakdown of Total Tocotrienols/Tocopherol		
Vitamins		Typical Value*
Total d-Mixed-Tocotrienol	140 (14.0%) mg/g Minimum	143.4 mg/g
d-Alpha-Tocopherol	60 (6.0%) mg/g Minimum	69.0 mg/g
TOTAL TOCOTRIENOLS/TOCOPHEROL	200 mg/g (20.0%) Minimum	212.4 mg/g
MOISTURE	Maximum 1.0%	
MICROBIOLOGY		
- Total Viable Aerobic Count	Max 1000 cfu/g	
- Total Combined Molds & Yeast	Max 100 cfu/g	

*Typical Value refers to the average analytical results accumulated over a period of time.

SHELF LIFE	36 months	LABELLING	Products formulated with PetGaia™ 20/25 OS can be labelled as containing all natural vitamin E and plant squalene.
PACKAGING	Available in 1kg, 5kg and 10kg pack size.	STANDARDS	Palm Tocotrienol Complex is GRAS (with GRN No. 000307) according to Title 21 Code of Federal Regulation for use in foods and drinks. Palm Oil Tocotrienols and Tocopherols Monograph (together with Squalene and Phytosterols) is published by United States Pharmacopeia (USP) on August 1st, 2022, under Non-Botanical Dietary Supplements.
STORAGE	Store in airtight containers, below room temperature, away from sunlight		

Technical Support

PhytoGaia's Product Development Team is ready to assist you in the use of our range of phytonutrients in your formulations at every stage of your product development. Strong emphasis is given to supplying the most cost effective and efficient solution to your specific requirements. Please do contact us for further information and technical support.

USA	PhytoGaia Inc. 2744 Hylan Blvd, Suite 173, Staten Island, NY 10306, USA. Tel : +1 (718) 612 4086
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Website : www.phytogaia.com | E-Mail : info@phytogaia.com

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