

PetGaia™ 13/16 P

Water Dispersible
Natural Full Spectrum
Tocotrienols/Tocopherol & Squalene
Complex 13% and 16% Powder

Applications - Pet Foods, Pet Supplements
and Pet Care Products.

Description

PetGaia™ 13/16 P – natural full spectrum tocotrienols/tocopherol & squalene complex is a Non-GMO, soy-free, corn-free, vegetarian, and free flowing yellow to orange colored water dispersible powder of 13% natural full spectrum tocotrienols/ tocopherol complex and 16% plant squalene.

PetGaia™ 13/16 P 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

TOTAL TOCOTRIENOLS & TOCOPHEROL	130 mg/g (13%) Minimum	Typical Value* 141 mg/g
TOTAL PLANT SQUALENE	160 mg/g (16%) Minimum	195 mg/g
TOTAL PHYTOSTEROLS	5 mg/g (0.5%) Minimum	13 mg/g
Breakdown of Tocotrienols / Tocopherol		
Vitamers		Typical Value *
Total d-Mixed-Tocotrienol	90.0 mg/g Minimum	94.0 mg/g
d-Alpha-Tocopherol	40.0 mg/g Minimum	47.0 mg/g
TOTAL TOCOTRIENOLS/ TOCOPHEROL	130 mg/g (13%) Minimum	141.0 mg/g
MOISTURE	Maximum 5.0%	
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™ 13/16 P 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. United States Pharmacopeia (USP) has published “Palm Oil Tocotrienols and Tocopherols” monograph in August 2022, setting the specification and analytical standard for palm tocotrienols/tocopherol complex..
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.

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