



Technical Data Sheet

PEA Palmitoylethanolamid P. ultramikronisiert
PEA Palmitoylethanolamide P. ultramicronized

PRODUCT INFORMATION

Name	ultramicronized Palmitoylethanolamide Powder		
CAS No	544-31-0	Sourced /Raw Material	Palm Oil
China	China	Carrier	None

ITEM	SPECIFICATION	METHOD
Assay	98.0%-102.0%	HPLC
Purity	≥99.0%	HPLC
Appearance	White Micro Powder	Visual
Identification	Positive	IR&1H NMR
Loss on Drying	≤1.0 %	ChP
Residue on Ignition	≤0.1 %	ChP
Particle Size	D (0.80~1.00):5µm	ChP
Residue Solvents	≤5000 ppm	GC
Density	0.22g/ml	
Powder Fluidity	restricted	

*The color may vary

STATEMENTS

Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <1,000 cfu/g, TYMC <100 cfu/g, Coliforms ≤0.92MPN/g, Salmonella
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Lactose	Lactose-Free
Gluten	Gluten-Free
Silicium Dioxide	Silicium Dioxide free
Magnesium Stearate	Magnesium Stearate free
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Dir. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	according to Reg. (EC) 1169/2011
Unintentional contact (traces) in the supply chain cannot be excluded.	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
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Issue date (Version 2)	15.08.2025

All above information according to the manufacturer / supplier

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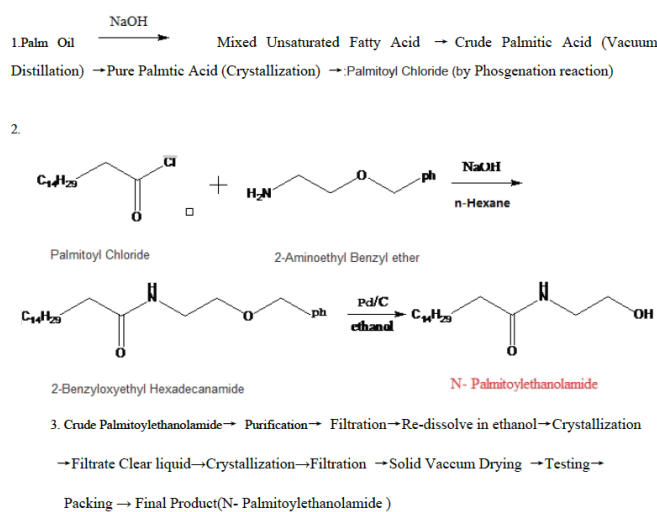


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Nutrition Values of Palmitoylethanolamide (PEA)					
Per 100 g					
Nutrient	Amount	Source (A or C)	Nutrient	Amount	Source (A or C)
*Calories	0		Niacin (mg NE)	0	
Total Fat (g)	0		Vitamin B 6 (mg)	0	
Saturated Fat (g)	0		Folic Acid (mcg DFE)	0	
Polyunsaturated Fat (g)	0		Vitamin B 12 (mcg)	0	
Monounsaturated Fat (g)	0		Biotin (mcg)	0	
Trans-fat (g)	0		Pantothenic Acid(mg)	0	
Cholesterol (mg)	0		Phosphorus (g)	0	C
Sodium (mg)	≤10		Iodine (mcg)	0	
Potassium (mg)	0		Magnesium (mg)	11	
Total Carbohydrate(g)	0		Zinc (mg)	0	
*Dietary Fiber (g)	0		Selenium (mcg)	0	
Soluble Fiber (g)	0		Copper (mg)	0	
Insoluble Fiber (g)	0		Manganese (mg)	0	
Sugar (g)	0		Chromium (mcg)	0	
Added Sugar(g)	0		Molybdenum (mcg)	0	
Moisture(g)	≤0.24		Chloride (mg)	≤20	
Ash(g)	≤1.0		All other nutrients or Dietary Ingredients:	0	
Protein (g)	0		Caffeine	0	
Vitamin A (mcg RAE)	0		Lactose	0	
Vitamin C	0				
Calcium (g)	0				
Iron (mg)	0				
Vitamin D (mcg)	0				
Vitamin E (mg)	0				
Vitamin K (mcg)	0				
Thiamin (mg)	0				
Riboflavin (mg)	0				

Flow Chart of Palmitoylethanolamide (PEA)



the starting Raw material is : Palm Oil

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