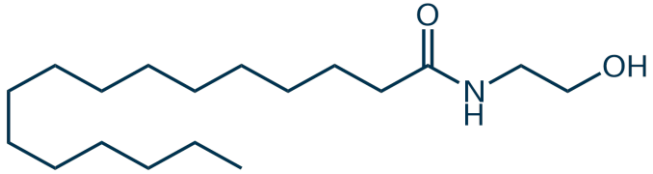


CERTIFICATE OF ANALYSIS

Product Name:	Palmitoyl Ethanolamide		
CAS No.	544-31-0	Molecular Formula	C ₁₈ H ₃₇ NO ₂
Quantity	3000kg	Structure 	
Batch No.	PEA-20231218		
Manufacturing Date	December 18, 2023		
Report Date	December 19, 2023		
Retest Date	December 17, 2026		
Analytical results			
Items	Specifications		Results
Appearance	Fine white to off-white crystal powder		Conforms
Color	White to off-white		Conforms
Identification	NMR		Conforms
Loss on Drying	≤ 1.0%		0.21%
Water	≤ 1.0%		0.08%
Residue on ignition	≤ 0.10%		0.07%
Purity (HPLC)	≥ 99.0%		99.48%
Heavy metal	Lead(Pb): ≤ 0.5 mg/kg		< 0.5
	Total arsenic(As): ≤ 0.15 mg/kg		< 0.15
	Cadmium(Cd): ≤ 2.5 mg/kg		< 2.5
	Total mercury(Hg): ≤ 1.5 mg/kg		< 1.5
Solvent residue	Methanol: ≤ 0.3%		< 0.3
	Ethanol: ≤ 0.5%		< 0.5
	Ethyl acetate: ≤ 0.5%		< 0.5
Microbiological control	Total Plate Count: ≤ 10,000cfu/g		< 10,000cfu/g
	Yeast & Mold: ≤ 300cfu/g		< 300cfu/g
	Coliforms: ≤ 10cfu/g		< 10cfu/g
	E.Coli: Negative/10g		Negative
	Salmonella sp.: Negative/25g		Negative
	Staph Aureus: Negative/10g		Negative
	Pseudomonas aeruginosa: Negative/25g		Negative
Conclusion	Conform with the in-house standard		
Packing	Pack in paper-drums and PE bags inside, 25Kg/Drum		
Storage	Store in a well-closed container away from moisture and direct sunlight		

Inspector: Carlifor Wu

Verifier: Jack He