

Certificate of analysis
**Palmitoyl Ethanolamide
(Olive oil derived)**

CAS No.	544-31-0	Code	BIOJPLMOLIVE
Batch No	CS-MPEA-230822	Manufacture date	Aug.22, 2023
Expiry date	Aug.21, 2025	Quantity	100Kgs

Testing Items	Specifications	Results
Appearance	Fine powder	Conforms
Color	White to off-white	Conforms
Identification	Positive	Conforms
Loss on Drying	≤1.0%	0.30%
Residue on Ignition	≤1.0%	0.77%
Particle size	D(0.90): 10µm	D(0.95): 10µm
Assay by HPLC(On dried base)	≥98.0%	99.35%
Heavy Metal	≤10ppm	Conforms
Arsenic(As ₂ O ₃)	≤1ppm	Conforms
Sulfate(SO ₄)	≤0.040%	Conforms
Iron(Fe)	≤10ppm	Conforms
Chloride(Cl)	≤0.020%	Conforms
Solvent Residual	Meeting USP standard	Conforms
Microbiological Control		
Total plate count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
Coliforms	≤10cfu/g	Conforms
E. Coli	Negative/10g	Conforms
Salmonella sp.	Negative/25g	Conforms
Staph Aureus	Negative/10g	Conforms
Pseudomonas aeruginosa	Negative/25g	Conforms
Conclusion	This product conforms to In-house standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**