



Certificate of Analysis

Product Name:	Palmitoylethanolamide	Manufacture Date:	Oct. 18, 2022
Batch Number:	LYPH221018	Analysis Date:	Oct. 20, 2022
Batch Quantity:	950Kg	Expiration Date:	Oct. 17, 2024

Testing Items	Specifications	Results
Appearance	White powder	Conforms
Identification	Positive	Conforms
Loss on Drying	≤ 1.0%	0.27%
Water	≤ 1.0%	0.12%
Residue on ignition	≤ 0.10%	0.04%
Purity (HPLC)	≥ 99.0%	99.56%
Heavy metal		
Lead(Pb),mg/kg	≤ 0.5	Conforms
Total arsenic(As), mg/kg	≤ 0.15	Conforms
Cadmium(Cd),mg/kg	≤ 2.5	Conforms
Total mercury(Hg), mg/kg	≤ 1.5	Conforms
Solvent residue		
Methanol	≤ 0.3%	Not detected
Ethanol	≤ 0.5%	Not detected
Ethyl acetate	≤ 0.5%	Not detected
Microbiological control		
Total Plate Count	≤ 10,000cfu/g	Conforms
Yeast & Mold	≤ 300cfu/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	Conform with the in-house standard	

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