

## **CERTIFICATE OF ANALYSIS**

Product Name	Oleoyl ethanolamide		
Molecular Formula	C <sub>20</sub> H <sub>39</sub> NO <sub>2</sub>	ОН	
Cas No.	111-58-0	Quantity	260KG
MFG. Date	2022.04.08	Batch No	MLP-OEA-20220408
Report Date	2022.04.18	Retest Date	2024.04.07

Testing Items	Specifications	Results		
Appearance	Fine white crystal powder	Conforms		
Color	White to Off-white	Conforms		
Identification	<sup>1</sup> HNMR	Conforms		
Loss on Drying	≤ 1.0%	0.72%		
Water	≤ 1.0%	0.59%		
Melting Point	56℃-62℃	58.1℃-60.4℃		
Residue on Ignition	≤ 0.2%	0.03%		
Purity (HPLC)	≥ 98.0%	99.03%		
Chloride(CI)	≤ 0.02%	Conforms		
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		
Ethyl Acetate	≤ 0.5%	Not detected		
Microbiological Control				

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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			
Packing and Storage				
Packing	Pack in paper-drums and PE bags inside. 25Kg/Drum.			
Storage	Store in a well-closed container away from moisture and direct Sunlight.			

ANALYST:





