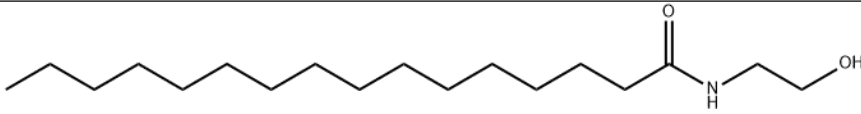




杭州海蓝化工有限公司
HANGZHOU HAILAN CHEMICAL CO.,LTD

CERTIFICATE OF ANALYSIS

COA No.:08202504161

Product Name	Palmitoylethanolamide(PEA)
CAS Registry number	544-31-0
Structure	
MW&MF	C18H37NO2 & 299.49
Batch number	202502271
Date of manufacture	20250227
Retest date	20270227

Index Name	Specifications	Results
Appearance	Whitec to off white powder	Conforms
Identification	Positive	Conforms
Loss on drying	1.0%max	0.3%
Residue on ignition	0.5%max	0.08%
Purity	98.0%	99.5%
Lead	0.5mg/kg max	Conforms
Total arsenic	0.15mg/kg max	Conforms
Cadmium	2.5mg/kg max	Conforms
Total mercury	1.5mg/kg max	Conforms
Methanol	0.3%max	Conforms
Ethanol	0.5%max	Conforms
Ethyl acetate	0.5%max	Conforms
Total plate count	10000cfu/g max	Conforms
Yeast &Mold	300cfu/g max	Conforms
Coliforms	10cfu/g max	Conforms
E.Coli	Negative/10g	Conforms
Salmonella sp.	Negative/25g	Conforms

Staph aureus	Negative/10g	Conforms
Pseudomonas aeruginosa	Negative/25g	Conforms
Particle size	D(0.90~1.00):10um	D(0.98):10um
Conclusion	Meets the in-house standard	

HANGZHOU HAILAN CHEMICAL CO., LTD.
QUALITY CONTROL DEPARTMENT