

HN Langyue Biotech Co Ltd

Certificate of Analysis

Product name: Palmitoylethanolamide

Source: Botanical

Molecular Formula: C18H37NO2

Molecular Weight: 299.49

Batch No.: 20231201

Batch Quantity: 1000kg

Inspection Date: 20231203

Manufacture Date: 20231201

Expiry Date: 20251130

CAS NO.: 544-31-0

ITEM	SPECIFICATION	RESULT	Test Method
Appearance	White powder	Complies	Visual
Identification	Meet requirement	Complies	HPLC
Melting point	97~100°C	97.4°C	CP2015
Loss on drying	≤1.0%	0.3%	CP2015
Residue on ignition	≤0.1%	0.1%	CP2015
Chloride(Cl)	≤0.02%	Complies	CP2015
Sulfate(SO4)	≤0.04%	Complies	USP
Solvent residue	USP standard	Complies	USP
Total Heavy metals	≤10ppm	Complies	Atomic Absorption
Pb	≤1ppm	Complies	Atomic Absorption
Cd	≤1ppm	Complies	Atomic Absorption
As	≤2ppm	Complies	Atomic Absorption
Hg	≤0.1ppm	Complies	Atomic Absorption
Total microbacterial count	≤100CFU/g	Complies	CP2015
Yeast & Mould	≤10CFU/g	Complies	CP2015
Escherichia Coli presence	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
P. aeruginosa	Negative	Negative	CP2015
S. Aureus	Negative	Negative	CP2015
Bile Tolerant Gram Negative Bacteria	≤100 MPN/g	Complies	EP
Clostridium	Negative	Negative	EP
Assay	≥98.0%	98.9%	HPLC
Conclusion	The results conforms with the Enterprise standard		

Storage: Store at room temperature and away from light.

Manufacturer: HN Langyue Biotech Co Ltd



<http://www.hningredients.com/>

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