

## ***Certificate of Analysis***

<b>Product Name</b>	Palmitoylethanolamide	<b>Batch Number</b>	GW20250217A
<b>Cas No.</b>	544-31-0	<b>Quantity</b>	800kgs
<b>Manufacture Date</b>	Feb. 17, 2025	<b>Expiry Date</b>	Feb. 16, 2027

<b>Item</b>	<b>Standard of Analysis</b>	<b>Result</b>	<b>Test Method</b>
Assay (on dried base)	≥98%	98.61%	GC
<b>Physical &amp; Chemical</b>			
Appearance	White to off-white powder	Complies	Visual
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤1.0%	0.20%	USP<731>
Ash	≤1.0%	0.53%	USP<281>
Solvents Residue	Meeting USP Standard	Complies	USP<467>
<b>Heavy Metal</b>			
Total Heavy Metal	≤10.0 ppm	Complies	ICP-MS
As	≤1.0 ppm	<0.5 ppm	ICP-MS
Pb	≤0.2 ppm	<0.2 ppm	ICP-MS
Cd	≤0.2 ppm	<0.2 ppm	ICP-MS
Hg	≤0.2 ppm	<0.2 ppm	ICP-MS
<b>Microbiological Test</b>			
Total Plate Count	≤1,000 cfu/g	750 cfu/g	AOAC
Mold and Yeast	≤300 cfu/g	36 cfu/g	AOAC
Coliforms	≤10 cfu/g	<10 cfu/g	AOAC
E.Coli	Negative/10g	Negative	AOAC
Salmonella	Negative/25g	Negative	AOAC

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