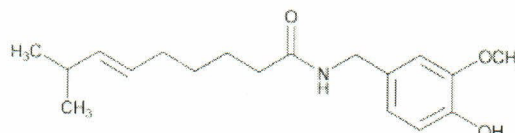


Batch no 20251212A
Mf date Dec 12 2025
Exp date Dec 11 2028

Molecular Structure



Molecular Formula $C_{18}H_{27}NO_3$
Molecular Weight 305.41
CAS Registry Number 404-86-4

May 25 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Almost white to yellow crystals	Almost white crystals
Melting point	57 ~ 66°C	63.5 ~ 65.3°C
Loss on drying	≤ 1.0%	0.17%
Heavy metals	≤ 10 ppm	Conforms
As	≤ 2 ppm	0 ppm
Residue ignition	≤ 1.0%	Conforms
Microbiological tests	Bacteria ≤ 300 cfu/gr	Conforms
	Fungus ≤ 100 cfu/gr	Conforms
	Salmonella Negative	Negative
	E. Coli Negative	Negative
Capsaicin	≥ 55%	70.65%
Dihydrocapsaicin	≥ 20%	22.6%
Other capsaicinoids	≤ 15%	2.91%
Capsaicinoids	90 ~ 110%	96.16%

Packaging & storage	Preserve in tight containers, protected from light, and store in a cool place
Conclusion	Material complies with USP38
Caution	Handle Capsaicin with care. Prevent inhalation of particles of it and prevent its contact with any part of the body