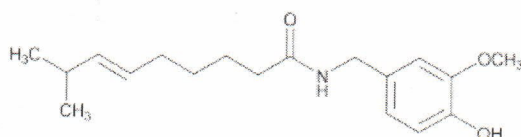


Batch no 20250212A  
Mf date Feb 12 2025  
Exp date Feb 11 2028

Molecular Structure



Molecular Formula C<sub>18</sub>H<sub>27</sub>NO<sub>3</sub>  
Molecular Weight 305.41  
CAS Registry Number 404-86-4

Apr 14 2025

Tests	Specifications	Results
Appearance	Almost white to yellow crystals	Almost white crystals
Melting point	57 ~ 66°C	63.5 ~ 65.3°C
Loss on drying	≤ 1.0%	0.16%
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%	70.75%
Dihydrocapsaicin	≥ 20%	22.66%
Other capsaicinoids	≤ 15%	2.94%
Capsaicinoids	90 ~ 110%	96.35%

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