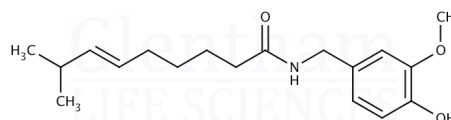


Certificate of Analysis

Product Name Capsaicin, USP grade
Glenthams Code GP2777
CAS Number 404-86-4
EINECS 206-969-8
Numéro MDL MFCD00017259
PubChem SID 310269279
Batch Number 023FGK

Molecular Weight 305.41
Molecular Formula $C_{18}H_{27}NO_3$
Storage Temp. +4°C



Property	Specification	Batch 023FGK
Physical Description	White to pale yellow or beige crystalline powder	Beige crystalline powder
Content	Capsaicinoids: 90.0 - 110.0 %	95.9%
	Capsaicin: ≥ 55.0%	64.5%
	Capsaicin and Dihydrocapsaicin: ≥ 75.0%	94.2%
	Other Capsaicinoids: ≤ 15.0%	1.7%
Identification	TLC	Conforms
Residue on Ignition	≤ 1.0%	0.5%
Melting Point	57 - 66 °C	65°C
Loss on Drying	≤ 1.0%	0.7%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.0
Manufacture Date 2023-05-01
Re-Test Date 2032-04-06

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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