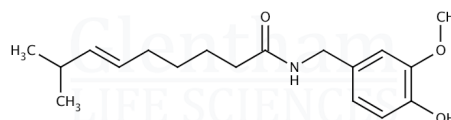


Certificate of Analysis

Product Name Capsaicin, USP grade
Glenthams Code GP2777
CAS Number 404-86-4
EINECS 206-969-8
MDL Number 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: $\geq 55.0\%$	64.5%
	Capsaicin and Dihydrocapsaicin: $\geq 75.0\%$	94.2%
	Other Capsaicinoids: $\leq 15.0\%$	1.7%
Identification	TLC	Conforms
Residue on Ignition	$\leq 1.0\%$	0.5%
Melting Point	57 - 66 °C	65°C
Loss on Drying	$\leq 1.0\%$	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.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024