Certificate of Analysis

Capsaicin

Compound: CAS number Catalogue number: Data of analysis	Capsaicin 404-86-4 OFS0001 2019-02-09	HONNH
Long term storage:	The compound should be stored below room temperature in the dark, in a tightly sealed contained	Chemical Formula: C ₁₈ H ₂₇ NO ₃ Molecular Weight: 305,42
Shelf Life	Two years from date of manufacture, when properly stored	Neo

Analysis Method	Product Specification	Product Result
Chemical purity by HPLC/UV	≥96%	98.2%
Chemical purity by ¹ H NMR	≥96%	96.3%
Identity by ¹ H NMR	Conforms to structure	PASS
Identity by ¹³ C NMR	Conforms to structure	PASS
Identity by Mass Spectrometry	Conforms to structure	PASS
Identity by Elemental Analysis	Minimum 96% (Carbon)	98.9%
E:Z ratio by ¹ H NMR	Minimum 6:1	9:1

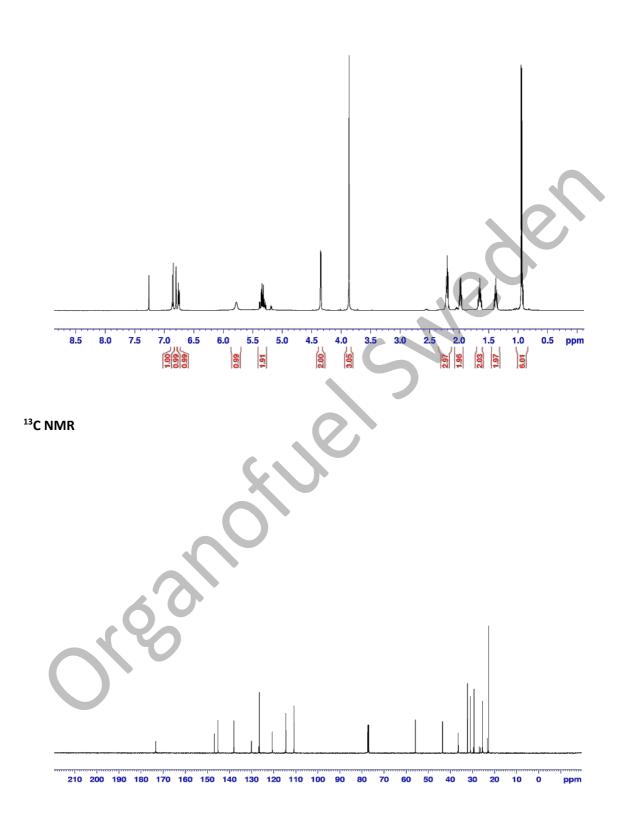
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Hazards
Read Material Safety Data Sheet (MSDS) and understand any potential hazard(s) prior to the use of
this product

Attached data in Appendix: ¹H NMR, ¹³C NMR and Mass Spectrometry

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¹H NMR

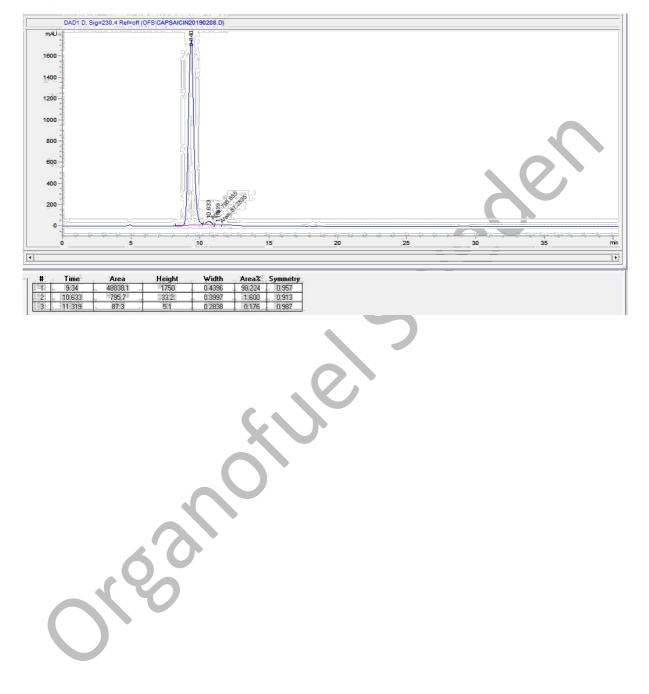


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Date

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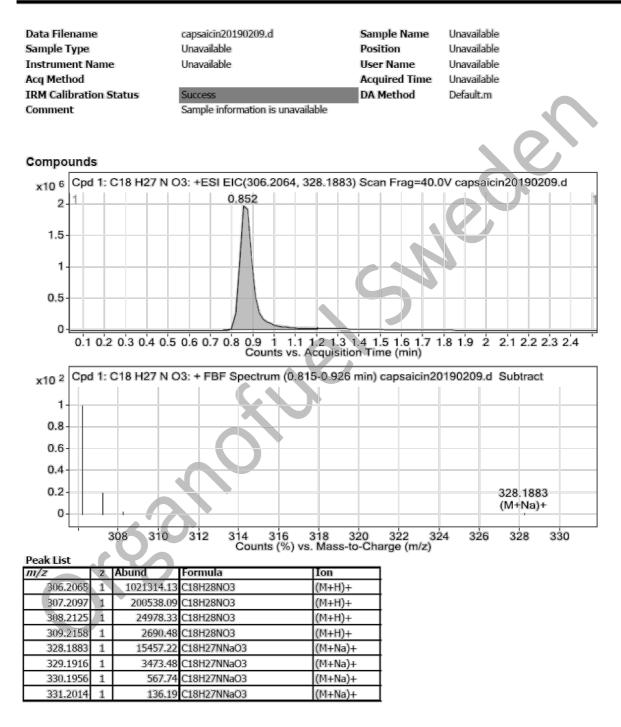
HPLC/UV



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Mass Spectrometry





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