SIGNATURE BLEND

Mac & Chief

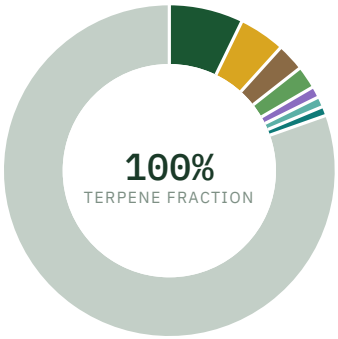
Botanical terpene formulation

Product code NOT-MAC-CHIEF · Sizes 2 mL – 1 gal

Scan for product documents

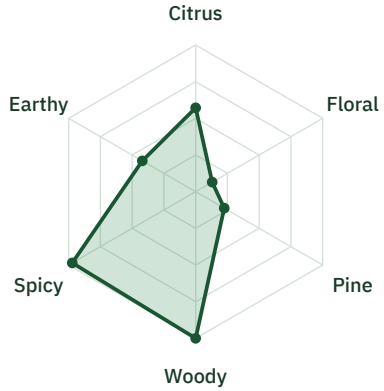
ITEMIZED CONSTITUENTS	DOMINANT CONSTITUENT	MONOTERPENOID FRACTION	SESQUITERPENE FRACTION
7	7.2%	9.7%	9.9%
terpenes and terpenoids	β-Caryophyllene	incl. 1.1% terpene alcohols	β-Caryophyllene, α-Humulene

COMPOSITION, % W/W



Other	80.4%
β-Caryophyllene	7.2%
Limonene	4.5%
α-Humulene	2.7%
β-Myrcene	2.2%
Linalool	1.1%
β-Pinene	1.0%

CALCULATED AROMA PROFILE



TERPENE CLASS DISTRIBUTION



Monoterpenes 8.6% · Monoterpene alcohols 1.1% · Sesquiterpenes 9.9% · Other botanical 80.4%

CONSTITUENT SPECIFICATION

#	CONSTITUENT	CAS NO.	FORMULA	MW G/MOL	CLASS	% W/W	0 – 50%
01	β-Caryophyllene	87-44-5	$C_{15}H_{24}$	204.36	Sesquiterpene	7.20	
02	Limonene	138-86-3	$C_{10}H_{16}$	136.24	Monoterpene	4.50	
03	α-Humulene	6753-98-6	$C_{15}H_{24}$	204.36	Sesquiterpene	2.70	
04	β-Myrcene	123-35-3	$C_{10}H_{16}$	136.24	Monoterpene	2.20	
05	Linalool	78-70-6	$C_{10}H_{18}O$	154.25	Monoterpene alcohol	1.10	
06	β-Pinene	127-91-3	$C_{10}H_{16}$	136.24	Monoterpene	1.00	
07	α-Pinene	80-56-8	$C_{10}H_{16}$	136.24	Monoterpene	0.90	
08	Flavor & other botanicals	—	—	—	—	80.40	
	Total					100.00	

BASIS OF THIS DOCUMENT

Calculated from this blend's formulation and its component profiles; "Flavor & other botanicals" covers ingredients not itemized.

CAS No., formula and molar mass are reference values for each pure compound. The aroma profile is calculated from the composition; indicative only.

Formulation specification, not a certificate of analysis. Ingredient COAs on request at naturesterps.com; batch COAs coming. Store sealed, cool, dark.