SIGNATURE BLEND

Sour Apple

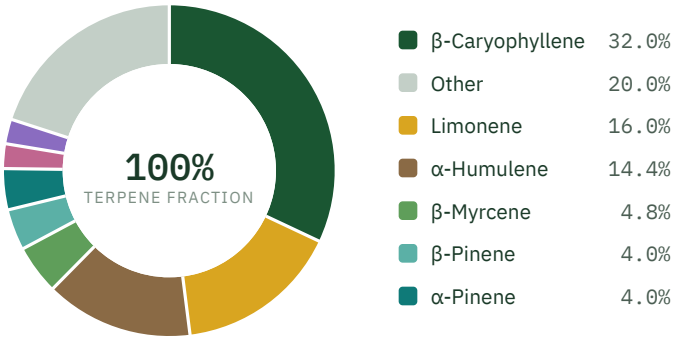
Botanical terpene formulation

Product code NOT-SOUR-APPLE · Sizes 2 mL – 1 gal

Scan for product documents

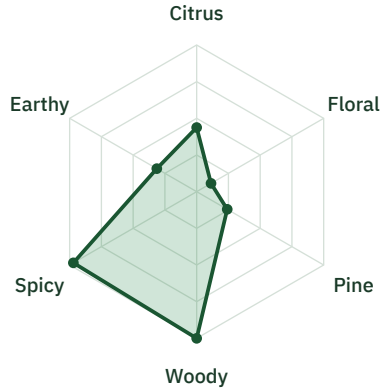
ITEMIZED CONSTITUENTS	DOMINANT CONSTITUENT	MONOTERPENOID FRACTION	SESQUITERPENE FRACTION
8	32.0%	33.6%	46.4%
terpenes and terpenoids	β-Caryophyllene	incl. 4.8% terpene alcohols	β-Caryophyllene, α-Humulene

COMPOSITION, % W/W



β-Caryophyllene	32.0%
Other	20.0%
Limonene	16.0%
α-Humulene	14.4%
β-Myrcene	4.8%
β-Pinene	4.0%
α-Pinene	4.0%

CALCULATED AROMA PROFILE



TERPENE CLASS DISTRIBUTION



Monoterpenes 28.8% · Monoterpene alcohols 4.8% · Sesquiterpenes 46.4% · Other botanical 20.0%

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	32.00	
02	Limonene	138-86-3	$C_{10}H_{16}$	136.24	Monoterpene	16.00	
03	α-Humulene	6753-98-6	$C_{15}H_{24}$	204.36	Sesquiterpene	14.40	
04	β-Myrcene	123-35-3	$C_{10}H_{16}$	136.24	Monoterpene	4.80	
05	β-Pinene	127-91-3	$C_{10}H_{16}$	136.24	Monoterpene	4.00	
06	α-Pinene	80-56-8	$C_{10}H_{16}$	136.24	Monoterpene	4.00	
07	α-Terpineol	98-55-5	$C_{10}H_{18}O$	154.25	Monoterpene alcohol	2.40	
08	Linalool	78-70-6	$C_{10}H_{18}O$	154.25	Monoterpene alcohol	2.40	
09	Flavor & other botanicals	—	—	—	—	20.00	
	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.