SIGNATURE BLEND

ARC

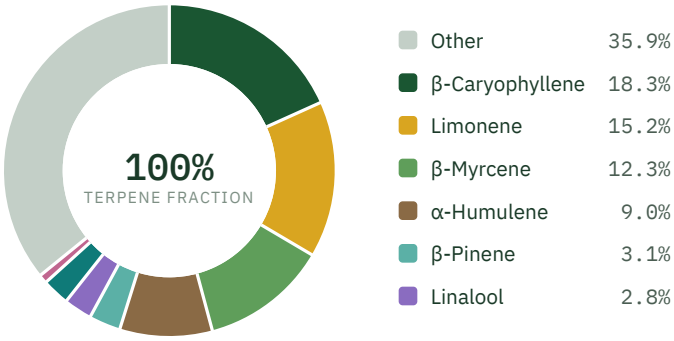
Botanical terpene formulation

Product code NOT-ARC · Sizes 2 mL – 1 gal

Scan for product documents

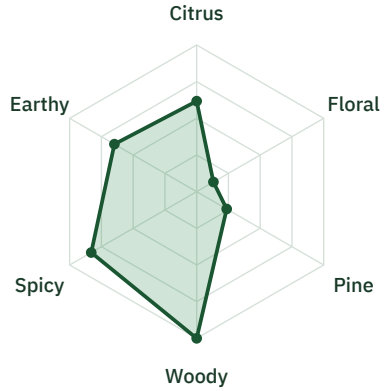
ITEMIZED CONSTITUENTS	DOMINANT CONSTITUENT	MONOTERPENOID FRACTION	SESQUITERPENE FRACTION
8	18.3%	36.9%	27.3%
terpenes and terpenoids	β-Caryophyllene	incl. 3.6% terpene alcohols	β-Caryophyllene, α-Humulene

COMPOSITION, % W/W



Other	35.9%
β-Caryophyllene	18.3%
Limonene	15.2%
β-Myrcene	12.3%
α-Humulene	9.0%
β-Pinene	3.1%
Linalool	2.8%

CALCULATED AROMA PROFILE



TERPENE CLASS DISTRIBUTION



Monoterpenes 33.3% · Monoterpene alcohols 3.6% · Sesquiterpenes 27.3% · Other botanical 35.9%

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	18.26	
02	Limonene	138-86-3	$C_{10}H_{16}$	136.24	Monoterpene	15.22	
03	β-Myrcene	123-35-3	$C_{10}H_{16}$	136.24	Monoterpene	12.33	
04	α-Humulene	6753-98-6	$C_{15}H_{24}$	204.36	Sesquiterpene	9.01	
05	β-Pinene	127-91-3	$C_{10}H_{16}$	136.24	Monoterpene	3.07	
06	Linalool	78-70-6	$C_{10}H_{18}O$	154.25	Monoterpene alcohol	2.75	
07	α-Pinene	80-56-8	$C_{10}H_{16}$	136.24	Monoterpene	2.65	
08	α-Terpineol	98-55-5	$C_{10}H_{18}O$	154.25	Monoterpene alcohol	0.85	
09	Flavor & other botanicals	—	—	—	—	35.85	
	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.