SIGNATURE BLEND

Raspberry Ice Cream

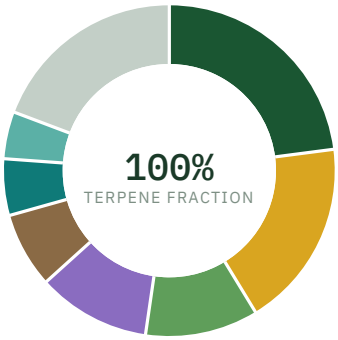
Botanical terpene formulation

Product code NOT-RASPBERRY-ICE-CREAM · Sizes 2 mL – 1 gal

Scan for product documents

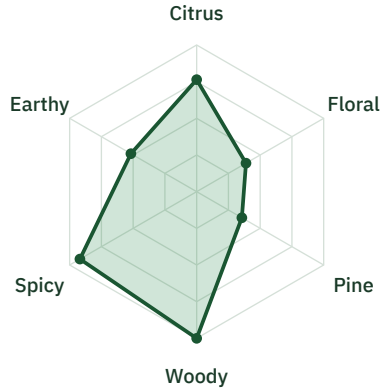
ITEMIZED CONSTITUENTS	DOMINANT CONSTITUENT	MONOTERPENOID FRACTION	SESQUITERPENE FRACTION
7	22.9%	50.5%	30.3%
terpenes and terpenoids	β-Caryophyllene	incl. 11.0% terpene alcohols	β-Caryophyllene, α-Humulene

COMPOSITION, % W/W



β-Caryophyllene	22.9%
Other	19.3%
Limonene	18.4%
β-Myrcene	11.0%
Linalool	11.0%
α-Humulene	7.3%
α-Pinene	5.5%

CALCULATED AROMA PROFILE



TERPENE CLASS DISTRIBUTION



Monoterpenes 39.5% · Monoterpene alcohols 11.0% · Sesquiterpenes 30.3% · Other botanical 19.3%

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	22.94	
02	Limonene	138-86-3	$C_{10}H_{16}$	136.24	Monoterpene	18.35	
03	β-Myrcene	123-35-3	$C_{10}H_{16}$	136.24	Monoterpene	11.01	
04	Linalool	78-70-6	$C_{10}H_{18}O$	154.25	Monoterpene alcohol	11.01	
05	α-Humulene	6753-98-6	$C_{15}H_{24}$	204.36	Sesquiterpene	7.34	
06	α-Pinene	80-56-8	$C_{10}H_{16}$	136.24	Monoterpene	5.50	
07	β-Pinene	127-91-3	$C_{10}H_{16}$	136.24	Monoterpene	4.59	
08	Flavor & other botanicals	—	—	—	—	19.26	
	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.