SIGNATURE BLEND

# Apple Sour Runtz

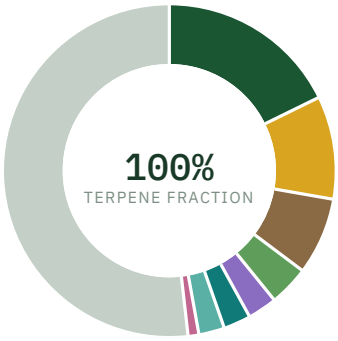
Botanical terpene formulation

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

Scan for product documents

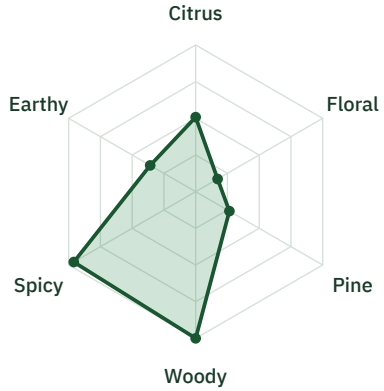
| ITEMIZED CONSTITUENTS | DOMINANT CONSTITUENT | MONOTERPENOID FRACTION | SESQUITERPENE FRACTION |
|---|---|---|---|
| 8 | 17.8% | 23.0% | 25.3% |
| terpenes and terpenoids | β-Caryophyllene | incl. 3.9% terpene alcohols | β-Caryophyllene, α-Humulene |

## COMPOSITION, % W/W




| | |
|---|---|
| Other | 51.8% |
| β-Caryophyllene | 17.8% |
| Limonene | 10.0% |
| α-Humulene | 7.5% |
| β-Myrcene | 3.9% |
| Linalool | 2.9% |
| α-Pinene | 2.6% |

## CALCULATED AROMA PROFILE




## TERPENE CLASS DISTRIBUTION



Monoterpenes 19.1% · Monoterpene alcohols 3.9% · Sesquiterpenes 25.3% · Other botanical 51.8%

## 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 | 17.75 | |
| 02 | Limonene | 138-86-3 | $C_{10}H_{16}$ | 136.24 | Monoterpene | 10.00 | |
| 03 | α-Humulene | 6753-98-6 | $C_{15}H_{24}$ | 204.36 | Sesquiterpene | 7.50 | |
| 04 | β-Myrcene | 123-35-3 | $C_{10}H_{16}$ | 136.24 | Monoterpene | 3.90 | |
| 05 | Linalool | 78-70-6 | $C_{10}H_{18}O$ | 154.25 | Monoterpene alcohol | 2.85 | |
| 06 | α-Pinene | 80-56-8 | $C_{10}H_{16}$ | 136.24 | Monoterpene | 2.65 | |
| 07 | β-Pinene | 127-91-3 | $C_{10}H_{16}$ | 136.24 | Monoterpene | 2.50 | |
| 08 | α-Terpineol | 98-55-5 | $C_{10}H_{18}O$ | 154.25 | Monoterpene alcohol | 1.05 | |
| 09 | Flavor & other botanicals | — | — | — | — | 51.80 | |
| | **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.