



## ESSENTIAL OIL SINGLES

## Frankincense Frereana Essential Oil

Boswellia frereana

## BATCH NUMBER

FRF-104

## COUNTRY OF ORIGIN

Somaliland

## EXTRACTION DATE

February 2025

## Gas Chromatography Analysis (%)

## MONOTERPENE

$\alpha$ -pinene	43.32%	$\alpha$ -thujene	15.28%
p-cymene	6.64%	sabinene	3.39%
$\beta$ -pinene	2.08%	limonene (d)	1.71%
$\beta$ -myrcene	1.69%	$\alpha$ -phellandrene	1.05%
camphene	0.92%	hashishene	0.76%
$\beta$ -phellandrene	0.73%	$\gamma$ -terpinene	0.58%
$\alpha$ -terpinene	0.41%	terpinolene	0.15%

## MONOTERPENOL

terpinen-4-ol	3.31%	$\alpha$ -terpineol	0.85%
p-mentha-1,5-dien-8-ol	0.70%	(E)-pinocarveol	0.69%
(E)-verbenol	0.69%	linalool	0.38%
(E)-sabinol	0.35%	p-mentha-4,6-dien-8-ol	0.27%
myrtenol	0.25%	(E)-carveol	0.20%

**KETONE**

thuja-2,4(10)-diene	0.68%	verbenone	0.58%
$\beta$ -thujone	0.47%	umbellulone	0.31%
pinocarvone	0.27%		

**OXIDE**

1,8-cineole	1.30%	(Z)- $\alpha$ -phellandrene epoxide	0.25%
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**ESTER**

bornyl acetate	1.08%
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**ALDEHYDE**

myrtenal	0.31%	$\alpha$ -campholenal	0.28%
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**OTHER**

dehydro-p-cymene	0.22%
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**PHENOL**

carvacrol	0.11%	thymol	0.06%
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**SESQUITERPENE**

$\beta$ -elemene	0.09%	$\beta$ -caryophyllene	0.04%
$\delta$ -cadinene	0.02%		