

DESCRIPTION:

Inci Name: Citrus Peel Expressed (Orange Essential Oil)

Cas №: 8028-48-6

DETAILS

Lot № 7163

Einecs №: 232-433-8

Gas Chromatography Analysis (%)

Date: August 2020

Gas Chromatography Analysis (%)

Name: Orange Essential Oil

Analytical Details

Range

Result

Appearance @ 20 °C

Yellow-red through to orange-brown liquid, mobile liquid

Conforms

Odour

Citrus, reminding of orange peel

Conforms

Specific Gravity @ 20 °C

0.83 – 0.855

Conforms

Refractive Index @ 20 °C

1.46 – 1,485

Conforms

R10

Flammable

Analytical Details	Range	Result
Flash Point (°C)	45 - 53	N/D
R10		Flammable
Monoterpene		
Limonene (d)		91.52%
β -pinene		3.19%
α -pinene		0.79%
Sabinene		0.79%
δ -3-carene		0.57%
Terpinolene		0.09%
α -phellandrene		0.08%

Analytical Details

Result

β -pinene

0.08

(Z)- β -ocimene

0.05

γ -terpinene

0.03%

Aldehyde

Octanal

0.062%

Decanal

0.58%

Geranial

0.19%

Nonanal

0.09%

Neral

0.09%

Citronellal

0.08%

Analytical Details

Result

Dodecanal

0.08%

Monoterpenol

Linalool

0.38%

α -terpineol

0.07%

Terpinen-4-ol

0.01%

Sesquiterpene

β -elemene

0.02%

Ester

Geranyl acetate

0.01%

Date Produced: August 2020

R00301