



Orange Sweet Oil Analysis

Product:	Orange Sweet Essential Oil
INCI Name:	Citrus Aurantium Dulcis Peel Oil Expressed / Citrus
Country of Origin:	Spain
Botanical part:	Peel
Botanical Name:	Citrus sinensis L.
CAS Number:	97766-30-8 / 8028-48-6

Characteristics:

	Requirement	Result
Appearance:	Clear liquid Some deposits (waxes) may appear.	Conforms
Colour:	Yellow to orange	Conforms
Odour:	Sweet citrus	Conforms
Specific Gravity (gr/ml) @ 20°C:	0.842 – 0.850	0.846
Refractive Index @ 20°C:	1.470 – 1.476	1.474

GC/MS/FID Analysis (%):

1	Limonene	95.01
2	Myrcene	1.92
3	α -Pinene	0.51
4	Linalool	0.35
5	Sabinene	0.34
6	Octanal	0.16
7	Decanal	0.13
8	Geranial	0.10
9	β -Pinene	0.09
10	Neral	0.04
11	Valencene	0.04
12	Nonanal	0.02
13	β -Sinensal	0.02
Total		98.73