

## TECHNICAL DATA SHEET

**DATE:** 19.01.2020  
**PRODUCT:** MANDARIN GREEN ITALY OIL  
**CODE:** 100148300

**CAS-EINECS** 84929-38-4  
**CAS N°** 8008-31-9  
**CHEMICAL IDENTIFICATION** Mandarin orange, ext.  
**FEMA** 2657  
**INDEX NUM. / INVENTORY NUM.** -  
**EINECS / ELINCS** 284-521-0  
**BOTANICAL NAME** Citrus reticulata Blanco  
**FLASH POINT** 49°C  
**BOILING POINT** 177°C  
**FORMULA** -  
**M.W.** -

### ORGANOLEPTIC PROPERTIES

**ASPECT** LIQUID  
**COLOR** GREEN  
**ODOUR** CITRIC

### CHEMICAL AND PHYSICAL PROPERTIES

	<b>MIN</b>	<b>MAX</b>
<b>DENSITY 20°C</b>	0,845	0,855
<b>REFRACTIVE INDEX 20°C</b>	1,4700	1,4800
<b>OPTICAL ROTATION (°)</b>	64,0	75,0
<b>ALDEHYDE AS DECANAL (%)</b>	0,40	1,20
<b>SOLUBILITY VOL. ETHANOL 90° (25°C)</b>	1,0	10,0
<b>ALPHA PINENE (%)</b>	2,00	3,00
<b>BETA PINENE (%)</b>	1,20	2,00
<b>MYRCENE (%)</b>	1,50	2,00
<b>LIMONENE (%)</b>	65,00	75,00
<b>TERPINENE GAMMA (%)</b>	16,00	22,00
<b>METHYL N- METHYLANTHRANILATE (%)</b>	0,30	0,60
<b>ALPHA SINENSAL (%)</b>	0,20	0,50

STORAGE CONDITIONS: It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.

TECHNICAL DATA UPDATE: Consult in our web page the technical data updates [www.lluche.com](http://www.lluche.com).

1 / 1