

TECHNICAL DATA SHEET

DATE: 08.07.2020
PRODUCT: LEMON ITALY OIL
CODE: 100300200

CAS-EINECS 84929-31-7
CAS N° 8008-56-8
CHEMICAL IDENTIFICATION Lemon, oil
FEMA 2625
INDEX NUM. / INVENTORY NUM. -
EINECS / ELINCS 284-515-8
BOTANICAL NAME Citrus limonum, (Citrus Medica limon)
FLASH POINT 49°C
BOILING POINT 175°C
FORMULA -
M.W. -

ORGANOLEPTIC PROPERTIES

ASPECT LIQUID
COLOR YELLOW - PALE GREEN
ODOUR CITRIC, FRESH

CHEMICAL AND PHYSICAL PROPERTIES

	MIN	MAX
DENSITY 20°C (g/cm3)	0,850	0,860
REFRACTIVE INDEX 20°C	1,4730	1,4760
OPTICAL ROTATION (°)	57,0	66,0
ACIDITY (mgKOH/g)		2,00
SABINENE (%)	1,50	3,00
BETA PINENE (%)	10,00	16,50
D-LIMONENE (%)	60,00	68,00
TERPINENE GAMMA (%)	8,00	12,00
NERAL (CIS ISOMER) (%)	0,60	1,20
GERANIAL (TRANS ISOMER) (%)	0,80	2,00

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