



NHR ORGANIC OILS
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Product Specification
Organic Roman Chamomile Essential Oil
(Anthemis nobilis)

Product name:	CHAMOMILE ROMAN ESSENTIAL OIL
INCI:	Anthemis nobilis Flower Oil
CAS number:	8015-92-7
EC number:	283-467-5
FEMA number:	2275
HS Code:	3301 29 41
Food grade:	FDA Regulation: FDA PART 182 -- SUBSTANCES GENERALLY RECOGNIZED AS SAFE Sec. 182.20 Essential oils, oleoresins (solvent-free), and natural extractives (including distillates) IOFI: listed in Part 2 of the IOFI GRL as natural complex substance that have undergone a safety evaluation and have been reviewed and determined to be safe for flavor use in food
COE:	48
Cosmetics grade:	Compliant with Cosmetics regulations; IFRA certificate / Allergens table, etc. available upon request
Classification:	Natural substance
Authenticity:	100% pure and natural product
Part of plant used:	Fresh Anthemis nobilis flowers
Method of manufacture:	Steam distillation
Country of origin:	Bulgaria
Appearance:	Liquid
Colour:	Pale yellow
Aroma:	Specific, fruity, of Roman chamomile

PHYSICO-CHEMICAL INDICES:	
Relative density, g/cm ³ :	From 0.900 to 0.920
Refractive index (25 °C):	From 1.4380 to 1.4460
Optical rotation (20 °C), °:	From -2 to +3
Solubility in 90% ethanol (V/V):	1:0.6
Acid value, mg KOH/g:	Not more than 8
Ester value, mg KOH/g:	Not more than 340
CONTENT OF MACROCOMPOUNDS, % (by Gas – Chromatography):	
Butylates and angelates	More than 60
A-pinene	Less than 8
B-pinene	Less than 5
Limonene	Less than 5
Myrcene	Less than 5
Storage:	Keep in well-sealed containers at 5 – 20 °C, away from sources of heat and direct light.