



Kulayan
Natural

Kulayan Natural Herbal Pvt. Ltd.

Technical Data Sheet

Chamomile Oil

Product Description:	The volatile oil is obtained by steam distillation from the wilted flowers of <i>Matricaria chamomilla</i> L, commonly called as Chamomile (German).
Country of Origin:	Nepal
Botanical Name:	<i>Matricaria chamomilla</i> L / Synonym: <i>Matricaria recutita</i> L
Extract Method:	Steam Distillation
Plant Part Used:	Flowers

Specifications

CAS NO.	84082 – 60 – 0
EINECS NO.	282-006-5
FEMA NO.	2275
NAFTA NO.	NA
Appearance:	Fluid to slight viscous liquid
Color:	Dark greenish blue
Odour:	Characteristic, Sweet, herbaceous with fresh-fruity undertone
Refractive Index at 25°C:	1.470 to 1.510
Optical Rotation At 25°C:	NA
Specific Gravity At 25°C:	0.8995-0.9035
Flash Point:	99 °C
Quality:	100% Pure & Natural
Solubility:	Soluble in alcohol and fixed oils but insoluble in water.
Acid Value:	2.9 - 13.7
Ester Value:	6.2 - 15
Ester Value after Acetylation	60 - 105

Chemical Data by GCMS

Compounds Name:	Percentage:
trans-beta-Farnesene	25 - 35 %
Germacrene-D	3 - 4 %
α-Farnesene	15 - 25 %
Chamazulene	0.5 – 1.5 %
Bisabolol oxide A	4.5 - 7.5 %

Expiration Date

Shelf Life: 5+ years under good storage conditions.

Store in a well-filled, airtight container at temperature below 18°C. Avoid direct sunlight & heat.