

Monoterpenols

CHEMICAL FAMILY

Monoterpenols have a ten-carbon backbone, like monoterpenes, but with a functional group added to them. This specific group (-OH) is called hydroxyl. Monoterpenols usually fall in the middle note category, with many being floral and very aromatic.

THERAPEUTIC PROPERTIES		
ANALGESIC	ANTIBACTERIAL	ANTISEPTIC
ANTI-FUNGAL	ANTI-INFECTIOUS	ANTI-INFLAMMATORY
ANTIMICROBIAL	ANTISPASMODIC	ANTITUMORAL
SEDATIVE	TONIC FOR CNS	DETOXIFIER
DIURETIC	DEODORANT	

COMMON MONOTERPENOLS CHEMICALS

MOLECULAR STRUCTURES

piperitol	menthol	alpha-fenchol
bomeol	citronellol	nerol
geraniol	linalool	alpha-terpineol
beta-terpineol	beta-terpineol	terppinen-4-ol
perillyl alcohol	lavandulol	thujanol

**ESSENTIAL OILS CONTENT OF MONOTERPENOLS
MONOTERPENOL % CONTENTS**

Essential Oils	Percentage
Rosewood	83%
Palmarosa	82%
Coriander	76%
Garden Thyme	74%
Catnip	64%
Geranium	60%
Rose	60%
Sweet Thyme	60%
Moroccan Thyme	52%
Carrot Seed	49%
Neroli	48%
Lavandin	45%
Lavender	44%
Ormenis	44%
Rosalina	44%
Citronella	38%
Petitgrain	34%
Lemon Eucalyptus	28%
Spanish Marjoram	25%
Ylang Ylang	25%

ESSENTIAL OILS CONTENT OF MONOTERPENOLS
MONOTERPENOL % CONTENTS

Essential Oils	Percentage
Bay Laurel	22%
Marjoram	20%
Winter Savory	19%
Bergamot	18%
Clary Sage	17%
Sage	16%
Ginger	15%
Fennel	14%
Eucalyptus Radiata	13%
Lemongrass	13%
Niaouli	13%
Cistus	12%
Myrtle	12%
Rosemary	12%
Basil	11%
Cambava	11%
Ravensara	9%
Cypress	8%
Douglas Fir	8%
Thyme	8%

**ESSENTIAL OILS CONTENT OF MONOTERPENOLS
MONOTERPENOL % CONTENTS**

Essential Oils	Percentage
Yarrow	8%
Cajeput	7%
Parsley	7%
Spearmint	7%
Caraway Seed	6%
Cinnamon Bark	6%
Helichrysum	6%
Jasmine	6%
Mandarin	6%
Anise	5%
Wild Tansy	5%
Melissa	5%
Roman Chamomile	5%
Tea Tree	5%
Valerian	5%
Fleabane	4%
Frankincense	4%
Goldrenrod	4%
Orange	4%
Peppermint	4%

**ESSENTIAL OILS CONTENT OF MONOTERPENOLS
MONOTERPENOL % CONTENTS**

Essential Oils	Percentage
Rosemary Verbenon	4%
Bitter Orange	3%
Cassia	3%
Lemon	3%
Lime	3%
Celery Seed	2%
Eucalyptus Dives	2%
Elemi	2%
Eucalyptus	2%
Hyssop	2%
Ledum	2%
Nutmeg	2%
Pine	2%
Spruce	2%
Tangerine	2%
White Fir	2%
Grapefruit	1%
Oregano	1%
Onchya	1%

ESSENTIAL OILS CONTENT OF MONOTERPENES
MONOTERPENES % CONTENTS

Essential Oils	Percentage
Myrrh	5%
Blue Mallee	4%
Geranium	3%
Basil	3%
Catnip	3%
Cedar Bark	3%
Clary Sage	3%
German Chamomile	3%
Lemon Eucalyptus	3%
Melissa	2%
Moroccan Thyme	1%
Palmarosa	1%
Patchouli	1%