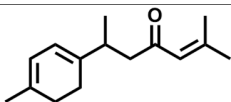
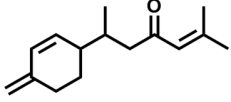
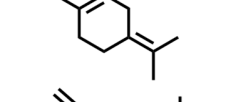
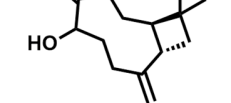
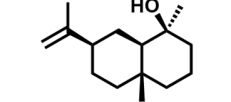
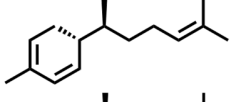
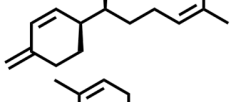
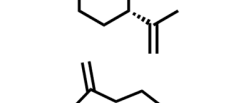

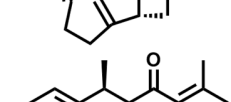
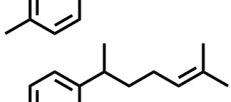


### Supplementary Information

Major components present in fresh hydrodistilled, fresh hexane-extracted, dried hydrodistilled, and dried hexane-extracted turmeric oil samples.

Compound name	Fresh samples		Dried samples		Chemical structure
	Hydrodistilled oil	Hexane-extracted oil	Hydrodistilled oil	Hexane extracted oil	
Tumerone	60.8	51.6	6.0	----	
Curlone	15.6	17.0	5.7	10.4	
Terpinolene	4.4	0.43	----	----	
Caryophylla-4(12), 8(13)-dien-5- $\alpha$ -ol	3.8	----	----	----	
neo-intermedeol	3.2	----	----	----	
Zingiberene	1.5	5.9	----	3.7	
$\beta$ -Sesquiphellandrene	1.0	4.2	2.3	6.7	
D-Limonene	----	----	23.2	----	
Caryophyllene oxide	----	----	5.7	----	
Caryophyllene	0.35	0.97	4.5	0.16	
ar-Turmerone	----	----	16.2	26.2	
$\alpha$ -Curcumene	----	0.77	2.3	3.7	