AROMATICS DATA

GC-MS BATCH SUMMARY

Batch WTU-103

October 31, 2026

White Turmeric Essential Oil

Curcuma zedoaria

Essential Oil

DISTILLATION DATE	EXTRACTION	CULTIVATION	COUNTRY OF ORIGIN
March 1, 2024	**Steam Distilled**	**Wildcrafted**	**India**

TOP 5 COMPONENTS

of 94 measured

curzerenone	Ketone	**28.64%**
camphor	Ketone	**9.73%**
1,8-cineole	Oxide	**6.68%**
curzerene	Furan	**5.12%**
β-elemene	Sesquiterpene	**3.97%**

Full composition · 94 components across 9 families

Ketone	**42.50%**
curzerenone	28.64%
camphor	9.73%
germacrone	3.32%
(Z)-β-elemenone	0.48%
2-undecanone	0.12%
2-nonanone	0.08%
carvone	0.07%
2-heptanone	0.03%
6-methyl-5-hepten-2-one	0.02%
fenchone	0.01%

Every batch is GC-MS tested by an independent lab. This report is provided for full transparency by Aromatics International.

Verify this batch: data.aromatics.com/products/white-turmeric-oil#batch=WTU-103

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Sesquiterpene	**13.02%**
β-elemene	3.97%
(E)-β-farnesene	1.45%
γ-elemene	1.43%
β-selinene	0.93%
β-caryophyllene	0.83%
δ-elemene	0.77%
α-caryophyllene	0.65%
germacrene D	0.61%
δ-cadinene	0.44%
germacrene B	0.27%
allo-aromadendrene	0.26%
γ-muurolene	0.24%
γ-selinene	0.19%
δ-guaiene	0.18%
selina-3,7(11)-diene	0.17%
γ-cadinene	0.17%
γ-vetivenene	0.14%
δ-selinene	0.12%
6,9-guaiadiene	0.05%
β-sesquiphellandrene	0.04%
α-cubebene	0.04%
α-copaene	0.03%
(E)-α-bergamotene	0.02%
α-ylangene	0.02%
Monoterpene	**6.93%**
camphene	3.36%
β-pinene	1.42%
α-pinene	0.91%
β-myrcene	0.43%

tricyclene	0.21%
sabinene	0.11%
p-cymene	0.10%
terpinolene	0.10%
(E)-β-ocimene	0.07%
γ-terpinene	0.06%
α-thujene	0.04%
α-phellandrene	0.03%
δ-3-carene	0.03%
α-terpinene	0.03%
(Z)-β-ocimene	0.03%
Oxide	**6.89%**
1,8-cineole	6.68%
caryophyllene oxide	0.21%
Monoterpenol	**6.19%**
isoborneol	2.88%
borneol	0.98%
linalool	0.62%
α-terpineol	0.56%
2-nonanol	0.51%
terpinen-4-ol	0.28%
τ-cadinol	0.18%
2-octanol	0.05%
(Z)-carveol	0.03%
p-cymen-8-ol	0.02%
(E)-pinocarveol	0.02%
(E)-p-mentha-2,8-dien-1-ol	0.02%
(E)-sabinene hydrate	0.01%
(E)-carveol	0.01%

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(Z)-p-mentha-2,8-dien-1-ol	0.01%
fenchol	0.01%
Other	**5.41%**
curzerenone isomer	2.40%
isocurcumenol	1.21%
curcumenol	1.18%
2-heptanol	0.20%
cedr-8-en-13-ol	0.14%
35.51 turmerone<ar->	0.12%
2-undecanol	0.05%
dendrolasin	0.03%
4-vinylguaiacol	0.02%
cis-carvone oxide	0.02%
hexanal	0.01%
diepi-α-cedrene	0.01%
7-epi-sesquithujene	0.01%
dehydro-p-cymene	0.01%
Furan	**5.12%**
curzerene	5.12%
Sesquiterpenol	**3.43%**
isospathulenol	0.83%
β-eudesmol	0.74%
selin-11-en-4-ol	0.72%
viridiflorol	0.41%
α-muurolol	0.29%
γ-eudesmol	0.20%
elemol	0.12%
juniper camphor	0.07%
(E)-nerolidol	0.05%

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Ester	**0.39%**
camphene hydrate	0.26%
isobornyl acetate	0.12%
(Z)-muurola-4(14),5-diene	0.01%

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