

# Craftovator<sup>®</sup> Studio.

CRAFTING EXCELLENCE

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: PEPPERMINT (MENTHA ARVENSIS), ESSENTIAL OIL (AKA: CORNMINT OIL)**

**LOT NUMBER: LOT0007572**

**PRODUCT INCI: MENTHA ARVENSIS LEAF OIL**

**PRODUCT CODE: K0345**

**CAS NUMBER: 90063-97-1 / 68917-18-0**

**EINECS NUMBER: 290-058-5**

**MANUFACTURING METHOD: STEAM DISTILLED**

**MANUFACTURING DATE: 29/07/2020**

**BEST BEFORE DATE: 29/07/2023**

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS – PALE YELLOW	-
ODOUR	CHARACTERISTIC, MINTY & FRESH	-
SPECIFIC GRAVITY @ 20°C	0.865 – 0.910	0.895
REFRACTIVE INDEX @ 20°C	1.450 – 1.471	1.460
OPTICAL ROTATION (°C)	-35.0 TO -19.0	-20.0
L-MENTHOL CONTENT W/W/(%)	25.0 - 40.0	-
TOTAL MENTHOL CONTENT W/W (%)	42.0 - 55.0	-

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

*The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Craftovator Studio regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Craftovator Studio.*

[www.craftovator.co.uk](http://www.craftovator.co.uk)

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## CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME:</b> PEPPERMINT MENTHA ARVENSIS (CORNMINT OIL), ESSENTIAL OIL
<b>LOT NUMBER:</b> LOT0012694
<b>PRODUCT INCI:</b> MENTHA ARVENSIS LEAF OIL
<b>PRODUCT CODE:</b> K0345
<b>CAS NUMBER:</b> 68917-18-0
<b>EINECS NUMBER:</b> NOT LISTED.
<b>MANUFACTURING METHOD:</b> STEAM DISTILLED
<b>MANUFACTURING DATE:</b> 06/08/2021
<b>BEST BEFORE DATE:</b> 06/08/2024

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS	-
ODOUR	CHARACTERISTIC, CLEAN, HARSH MINT	-
SPECIFIC GRAVITY @ 20°C	0.890 – 0.904	0.896
REFRACTIVE INDEX @ 20°C	1.452 – 1.468	1.460
OPTICAL ROTATION (°C)	-35.0 TO -16.0	-19.0
MENTHOFURAN (%)	< 2.0	0.2
PULEGONE (%)	< 3.0	1.1

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## CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME: PEPPERMINT MENTHA ARVENSIS (CORNMINT OIL), ESSENTIAL OIL</b>
<b>LOT NUMBER: LOT0013791</b>
PRODUCT INCI: MENTHA ARVENSIS LEAF OIL
PRODUCT CODE: K0345
CAS NUMBER: 68917-18-0
EINECS NUMBER: NOT LISTED.
MANUFACTURING METHOD: STEAM DISTILLED
MANUFACTURING DATE: 24/11/2021
BEST BEFORE DATE: 24/11/2024

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS	-
ODOUR	CHARACTERISTIC, CLEAN, HARSH MINT	-
SPECIFIC GRAVITY @ 20°C	0.890 – 0.904	0.895
REFRACTIVE INDEX @ 20°C	1.452 – 1.468	1.459
OPTICAL ROTATION (°C)	-35.0 TO -16.0	-20.4
MENTHOFURAN (%)	< 2.0	0.3
PULEGONE (%)	< 3.0	0.9

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