



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Spearmint Essential Oil
(Mentha spicata)

BATCH NUMBER: 140222-7
ORIGIN: BRAZIL
PRODUCT INCI: MENTHA SPICATA HERB OIL
CAS NUMBER: 84696-51-5
EINECS NUMBER: 283-656-2
MANUFACTURING METHOD: STEAM DISTILLED

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS – GREEN / YELLOW	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20 C	0.910 – 0.938	0.9228
REFRACTIVE INDEX @ 20 C	1.480 – 1.495	1.4882
OPTICAL ROTATION (C)	-70.0 TO -53.0	-60.04

L-Limonene	20.43%	1-8 Cineole	1.52%
Menthone	0.48%	L-Carvone	60.99%
Myrcene	1.60%	γ - Terpinene	0.23%
L-menthol	2.27%	Para-Cymene	0.26%
α – Pinene	0.68%	β – Pinene	0.72%

*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 NHR regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*