

	Certificate of Analysis	
Product Name:	Melissa (Lemon Balm) Essential Oil	
Latin Binomial/INCI:	Melissa officinalis	
Cultivation:	100% Organic	
Product Code/Lot Number:	EO4231-EZBL	
Material:	Blossom and plant	
Country of Origin:	Bulgaria	
Date of Production:	May 2, 2022	
Expiration Date:	May 2, 2025	
Specification	Expected	Result
Specification		
Color:	Clear colorless	PASSED
Odor:	Characteristic	PASSED
Appearance:	Mobile liquid	PASSED
Specific Gravity at 20°C	0.8860 - 0.9060	0.895
Refractive Index at 20°C	1.4810 – 1.4840	1.4835
	Caranial	20.200/
Lish Desclution Operillers Oper	Geranial	29.30%
	Neral (Citral B)	21.97%
High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Neral (Citral B) Beta Caryophyllene	21.97% 14.82%
	Neral (Citral B) Beta Caryophyllene Germacrene D	21.97% 14.82% 4.63%
Chromatography using Agilent 6890, 30	Neral (Citral B) Beta Caryophyllene	21.97% 14.82%
Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Neral (Citral B) Beta Caryophyllene Germacrene D 6-Methyl-5-hepten-2-one	21.97% 14.82% 4.63% 3.87%
Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS	Neral (Citral B) Beta Caryophyllene Germacrene D 6-Methyl-5-hepten-2-one LISTED	21.97% 14.82% 4.63% 3.87% PASSED
Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS No GMO Materials Used:	Neral (Citral B)   Beta Caryophyllene   Germacrene D   6-Methyl-5-hepten-2-one   LISTED   NONE	21.97% 14.82% 4.63% 3.87% PASSED PASSED PASSED
Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS	Neral (Citral B) Beta Caryophyllene Germacrene D 6-Methyl-5-hepten-2-one LISTED	21.97% 14.82% 4.63% 3.87% PASSED

**Disclaimer:** This information relates only to the specific materials mentioned and may not be valid in combination with other materials or processes. To the best of our knowledge this information is complete, accurate and reliable. However, no warranty or guarantee is implied. We assume no responsibility for any loss, damage or expense arising out of use. It is the user's responsibility to decide suitableness for use.