

**CERTIFICATE OF ANALYSIS (COA)**

Product Name	NUTMEG OIL
Botanical Name	Myristica fragrans
Product Code	E261
CAS #	8008-45-5 ; 84082-68-8
FEMA #	2793
EINECS #	282-013-3
INCI Name	Myristica fragrans (Nutmeg) Kernel Oil

Batch #	11152009
Manufacturing Date	SEPTEMBER 2020
Best Before Date	AUGUST 2022

Part Used	Kernels
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Top to Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Colorless to pale yellow liquid	CONFORMS
Odour	Light, very fresh, warm, sweet-spicy, highly aromatic aroma	CONFORMS
Refractive Index	1.472 - 1.495 @ 20°C	1.481
Specific Gravity (g/mL)	0.847 - 0.919 @ 20°C	0.879
Optical Rotation (°)	+5° to +45°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent
-----------------	----------------------------

Disclaimer & Caution: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Aromaeasy provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the product, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Aromaeasy, no representation or warranty - expressed or implied - is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Aromaeasy is limited to the value of the goods and does not include any consequential loss. Aromaeasy shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Aromaeasy shall not be responsible for any damages resulting from the use of or reliance upon this information.

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

Disclaimer & Caution: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. AromaEasy provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the product, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of AromaEasy, no representation or warranty - expressed or implied - is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of AromaEasy is limited to the value of the goods and does not include any consequential loss. AromaEasy shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. AromaEasy shall not be responsible for any damages resulting from the use of or reliance upon this information.