



info@natureinbottle.com  www.natureinbottle.com

CERTIFICATE OF ANALYSIS

Product Name	SAFFRON (KESAR) OIL
Botanical Name	Crocus sativus
Product Code	PIO5012
CAS #	8022-19-3 ; 84604-17-1 and 8007-69-0
EINECS #	283-295-0 and 291-063-5

Batch #	50122401
Manufacturing Date	JANUARY 2024
Best Before Date	DECEMBER 2025

Extraction Method	Extraction of Crocus sativus (Saffron) threads in Prunus amygdalus dulcis (Sweet Almond) Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Reddish orange colored liquid	CONFORMS
Odour	Characteristic deep, musky, earthy aroma	CONFORMS
Refractive Index	1.460 - 1.480 @ 20°C	1.472
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C	0.915
Saponification Value (mgKOH/g)	180 - 200	191
Solubility	Soluble in cosmetic esters 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. Nature In Bottle 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 Nature In Bottle, 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 Nature In Bottle is limited to the value of the goods and does not include any consequential loss. Nature In Bottle shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Nature In Bottle shall not be responsible for any damages resulting from the use of or reliance upon this information.



info@natureinbottle.com  www.natureinbottle.com

<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. Nature In Bottle 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 Nature In Bottle, 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 Nature In Bottle is limited to the value of the goods and does not include any consequential loss. Nature In Bottle shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Nature In Bottle shall not be responsible for any damages resulting from the use of or reliance upon this information.