

## CERTIFICATE OF ANALYSIS

Product Name:	Coffee Bean Oil Organic	Batch No:	AVCAFE012
INCI:	<i>Coffea arabica seed oil</i>	Quantity:	23 kg
Cas No:	84650-00-0	EINECS:	283-481-1
Manufacturing Date:	30 September 2022	Expiry Date:	30 September 2024
Country of Origin:	Spain	Use:	Raw material for cosmetic use
Retest:	Suggested one month prior to expiry. (Customer's responsibility)		

Characteristics	Specifications	Results	Units
Appearance	Liquid	Complies	
Colour	Green to brown	Complies	
Odour	Characteristic	Complies	
Density @(20°)	0.920-0.952	0.921	g/mL
Refractive index @(20°C)	1.472-1.476	1.474	
Peroxide value	Max. 10.0	3.2	mEqO <sub>2</sub> /kg
Acid value	Max. 4.0	0.5	mgKOH/g
Iodine index	170.0-200.0	190.0	mgKOH/g
Saponification	Min 2000.0	2800	mg/kg
Caffeine content			
<b>Fatty Acids Profile</b>			
Palmitic Acid (C16:0)	7.0-20.0	7.6	%
Stearic Acid C18:0)	0.2-4.0	3.2	%
Oleic Acid (C18:1)	20.0-40.0	32.5	%
Linoleic Acid (C18:2)	50.0-60.0	53.0	%
<b>Handling and Storage</b>			
<b>Safe handling</b>	<p>Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. B.- Technical recommendations for the prevention of fires and explosions</p> <p>Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.</p> <p>C.- Technical recommendations to prevent ergonomic and toxicological risks Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.</p> <p>D.- Technical recommendations to prevent environmental risks It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)</p>		
<b>Safe storage</b>	<p>Technical measures for storage: min temp - 5°C max temp - 25°C. Avoid sources of heat, radiation, static electricity and contact with food.</p>		

This product is certified organic by KIWA – BCS OKo - Garantie GmbH ZA – BIO -141 EU & NOP

  
 Signed: 17 October 2022