

TECHNICAL DATA SHEET

Effective date: 06.2021
Rev.0

ACAI OIL

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Euterpe oleracea fruit oil
Manufacturing process	Vegetable oil obtains from selected fruits subjected to physical process cold. Unrefined.
Additives	No preservatives added

TECHNICAL DATA

Physical & chemical parameters

Appearance	Viscous liquid
Color	Dark green
Odor	Characteristic
Acidity (% as oleic acid)	≤ 2,5
Acidity Index (mgKOH/g)	Max.5
Peroxide Index (mEqO2/kg)	≤10
Iodine Index (gI2/100g)	0,70 -0, 90
Saponification Index (mgKOH/g)	175 – 195
Moisture and impurities (%)	Max. 0,4
Refractive Index (at 200C)	1,44 – 1,47

Lipid composition (%)

Fatty acid profile	%
Valeric Acid (C5:00)	0,6 – 1
Palmitic Acid (C16:00)	14- 19
Stearic Acid(C18:0)	1,5 – 6
Oleic Acid(C18:1)	55– 75
Linoleic Acid (C18:02)	10 – 15
Linolenic Acid (C18:03)	0,5 – 1,5

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Biological parameters

Total Count (UFC/g)	AOAC 990.12	< 100
Yeast and Mould (UFC/g)	AOAC 997.02	< 30
E. coli (UFC/g. EST)	AOAC 991.14	< 10
Total Coliforms(UFC/g. EST)	AOAC 991.14	< 10
Salmonella sp./25 g)	AOAC 989.12	Absent

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep product away from light, heat and moisture.
Shelf Life	24 months under good storage conditions

LEGISLATION

Certification	-
CMR	To our knowledge the above material is free of CMR substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended. Products supported for Personal Care applications will not be classified as CMR, as defined by (EC) 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures, unless supported by a positive SCCS opinion.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
GMO	GMO Free
EINECS no.	
CAS no.	861902-11-6

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.