



CERTIFICATE of ANALYSIS (COA)

AMARANTH SEED OIL – CO2 EXTRACT

COMMON NAME	Amaranthus CO2
LATIN NAME	<i>Amaranthus Caudatus</i>
COUNTRY OF ORIGIN	India
CULTIVATION METHOD	Conventional
TYPE	CO2 Total Extract
EXTRACTION METHOD	Super Critical Fluid Extraction
PLANT PART	Dried seed
APPLICATION	Dietary Supplements, Cosmetics

SKU	
LOT #	
MANUFACTURING DATE	
BEST BY DATE	

SPECIFICATIONS	Range	Value
SPECIFIC GRAVITY @20°C	0.900 - 0.940	
REFRACTIVE INDEX @20°C	1.47	
OPTICAL ROTATION @20°C	NA	
VISCOSITY	115 -125 cSt at 20°C	
SAPONIFICATION NUMBER	170 +/- 35 mg KOH/g	
MELTING POINT	- 27°C	

PHYSICAL APPEARANCE	Clear Liquid Oil	Conforms
COLOR	Yellow - Gold	Conforms
ODOR	Retains the aroma of fresh Amaranth seeds	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	Conforms
SPECIAL USE INSTRUCTIONS		

PRIMARY CONSTITUENTS	Contains all CO2-soluble lipophilic components
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COMPONENTS	RANGE %	%	COMPONENTS	RANGE %	%
Oleic acid (C18:1 w9)	15-30		Plant Sterols	>2	
Linoleic acid (C18:2 w6)	40-50		Natural vitamins E	5-10 mg/100 g	
Stearic acid (C18:1)	2-5 %				
Squalene	5-8 %				
* EU Allergen					

COMMENTS	Excellent Absorption on Skin
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This CO2 Total Extract is an authentic natural product and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Nutraceutex. This product is guaranteed by Nutraceutex to be of excellent quality.

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