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Product Specifications

Amaranth Oil, Refined

Origin: *Amaranthus mongostanus* f.

<i>Test</i>	<i>Specification</i>
Appearance	Clear, brilliant liquid
Flavor and Odor	Characteristically bland
Color	yellow liquid; Gardner scale value: < 12
FFA (Free Fatty Acids as Oleic Acid; meq/Kg)	< 12
Peroxide Value	< 5
Saponification Value	--
Iodine Value	110-135
Tocopherols (ppm)	> 80
Refractive Index, η_D^{20}	1.468-1.480
Density, g/mL	0.90

Composition & Oxidative Stability

<i>Test</i>	<i>Specification</i>
Myristic, C-14:0	~ 0.2%
Palmitic, C-16:0	19-20%
Stearic, C-18:0	3-4%
Oleic, C-18:1	20-26%
Linoleic, C-18:2	40-50%
Linolenic, C-18:3	0.5-1%
Arachidic, C-20:0	1-2%
Behenic, C-22:0	--
Nervonic, C-24:1	--
Squalene	6-8%

Storage: Maintain in cool, dry containment.