



Specialized in chemicals

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Technical Data Sheet

Arachidonic acid

Product Information

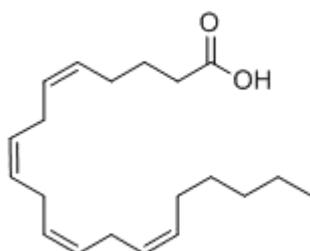
Chemical Name arachidonic acid

CAS # 506-32-1

Formula C₂₀H₃₂O₂

Synonym 5,8,11,14-Eicosatetraenoic acid, (all-Z)- (8C); (all-Z)-5,8,11,14-Eicosatetraenoic acid; 5,8,11,14-all-cis-Eicosatetraenoic acid; 5-cis,8-cis,11-cis,14-cis-Eicosatetraenoic acid; 5Z,8Z,11Z,14Z-Eicosatetraenoic acid; A 0871; Arachidonic acid; Immunocytochrome; all-cis-5,8,11,14-Eicosatetraenoic acid; cis-D5,8,11,14-Eicosatetraenoic acid;

Chemical Structure



Physical Properties

Appearance: slightly yellow free-flowing liquid

Molecular Weight: 304.47

Density: 0.922

Boiling Point: 169-171°C (0.1 mmHg)

Melting Point: -49°C

Flash Point: 336.3 ° C

Storage Temperature: 20° C

Refractive index: 1.4872

Specification

ARA	%	≥40%
Peroxide value	meq/kg	≤5.0
Acid value	mgKOH/g	≤1.0
As	mg/kg	≤0.1
Pb	mg/kg	≤0.1

Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety

Applications

An unsaturated omega-6 fatty acid constituent of the phospholipids of cell membranes

Packaging

25kg fiber drum.

9mt per 20ft container

Storage & Handling

Arachidonic acid can be stored at room temperature (max.25°C) in the unopened original containers for at least 3 years. The storage temperature should be kept below 25 25°C

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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