



Industriestraße 61-65  
D-21107 Hamburg

## Specification

### PFAD, veg.

CAS no.: 68440-15-3  
EINECS no.: 270-438-7  
Chemical Designation: Palmoil, fatty acid, crude  
Physical Description: Brownish, waxy substance

Parameter	Test Method	Specification
Iodine value (Hanus)	DGF C-V 11a	45 – 55
Colour (FAC)	AOCS Cc 13a	---
Colour (Lovibond 5 ¼" yellow)	DGF C-IV 4b	---
Colour (Lovibond 5 ¼" red)	DGF C-IV 4b	---
Free fatty acids (%)	DGF C-III 4	min. 85,0
Water (%)	Karl Fischer	max. 1,0
Peroxide value (meq O <sub>2</sub> /kg)	DGF C-VI 6a	---
Taste	Organolept	---
Odour	Organolept	---
<u>C-Chain distribution (%)</u>	<u>DGF C-VI 10a</u>	<u>Typical</u>
Trans fatty acids	DGF C-VI 10a	---
<C-14:0	DGF C-VI 10a	---
C-14:0	DGF C-VI 10a	---
C-16:0	DGF C-VI 10a	min. 46,0
C-16:1	DGF C-VI 10a	---
C-17:0	DGF C-VI 10a	---
C-18:0	DGF C-VI 10a	max. 5,0
C-18:1	DGF C-VI 10a	33,0 – 42,0
C-18:2	DGF C-VI 10a	max. 10,0
C-18:3	DGF C-VI 10a	---
C-20:0	DGF C-VI 10a	---
C-20:1	DGF C-VI 10a	---
C-20:2	DGF C-VI 10a	---
C-22:0	DGF C-VI 10a	---
C-22:1	DGF C-VI 10a	---
C-22:2	DGF C-VI 10a	---
C-24:0	DGF C-VI 10a	---
<p>Not subject to labeling according to EU-regulation 1830/2003.            --- = not specified            DGF = Deutsche Gesellschaft für Fettwissenschaft            AOCS = American Oil Chemists Society</p>		