

Specification

PFAD

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 ₂ /kg)	DGF C-VI 6a	---
Taste	Organolept	---
Odour	Organolept	---
C-Chain distribution (%)	DGF C-VI 10a	Typical
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	---
Not subject to labeling according to EU-regulation 1830/2003. --- = not specified DGF = Deutsche Gesellschaft für Fettwissenschaft AOCS = American Oil Chemists Society		