

UCY-DPKFA 1220-P - Distilled Palm Kernel Fatty Acid

Product Data Sheet

Item Number: 40-040

General Information

CAS-No. 90990-15-1

Product Specification

Test Description	Unit	min.	max.	Reference Test Method
Acid Value	mg KOH / g	244	254	AOCS Te 1a-64 / ISO 660
Iodine Value	g I ₂ / 100 g	16	21	AOCS Cd 1b-87 / ISO 3961
Titre	°C	25	28	AOCS Tr 1a-64 / ISO 935
Colour, Lovibond 5 ¼", Y	Yellow		3.0	AOCS Cc 13e-92 / BS 684:1.14
Colour, Lovibond 5 ¼", R	Red		0.5	AOCS Cc 13e-92 / BS 684:1.14
Odour	-		Pass	-
GLC Analysis	-	-	-	AOCS Ce 1-62 / ISO 12966-4
C8, Caprylic Acid	%		0.1	AOCS Ce 1-62 / ISO 12966-4
C10, Capric Acid	%		1.5	AOCS Ce 1-62 / ISO 12966-4
C12, Lauric Acid	%	40.0	60.0	AOCS Ce 1-62 / ISO 12966-4
C14, Myristic Acid	%	14.0	20.0	AOCS Ce 1-62 / ISO 12966-4
C16, Palmitic Acid	%	6.0	12.0	AOCS Ce 1-62 / ISO 12966-4
C18, Stearic Acid	%		5.0	AOCS Ce 1-62 / ISO 12966-4
C18:1, Oleic Acid	%	12.0	22.0	AOCS Ce 1-62 / ISO 12966-4
C18:2, Linoleic Acid	%			AOCS Ce 1-62 / ISO 12966-4
			Report Only	
> C18:1, Fatty Acids	%		5.0	AOCS Ce 1-62 / ISO 12966-4
Saponification Value	mg KOH / g	244	255	AOCS TI 1a-64 / ISO 3596-2
Appearance in molten state	-		Pass	Visual Test
Moisture			0.2	ISO 760
Ester Value*	Mg KOH / g		4	ISO 3657 (1988)
Soap Colour acc.to AIS LOV 5 1/4" Y*	-		5.0	-
Soap Colour acc.to AIS LOV 5 1/4" R*	-		1.0	-
Unsaponifiables*	%		1.0	ISO 3596-2
Iron (Fe)*	mg / kg		5.0	ICP Method

- continue on page 2 -



- page 2 -

Pack Sizes

Bulk, delivered by road tanker, iso tank and bulk vessel

All information and data discussed herein are correct at the time of analysis and compilation. Safety information regarding these products is contained in the Material Safety Data Sheet. Users of these products are urged to study thoroughly before using this information. UCY business services & trading GmbH shall not be liable in any manner whatsoever for direct, indirect, incidental, consequential loss, income or profit, punitive damages and /or claims of third parties resulting from the use of, or inability to use the information.