

**Crude oil virgin first cold pressing****Technical data sheet**

Brand:	CRAMBYS HE60	Version #:	03/AX15-2177
Trade Name:	High Erucic Rapseed Oil	Batch#:	//
Chemical Name:	Crambé Abyssinian seed Oil	Production date:	//
Formula:	//	CAS #:	68956-68-3
Product code#:	A00030177	EINECS #:	273-313-5

Specification	Method	Specified range	Typical
Melting Point °C	PNT-M-257 (AOCS Cc6-25)	-8/-4	-7
Iodine Number g I2/100 G s.s.n	PNT-M-064 (Volum. UNE 55013 (Hanus)	88-91	89
Ácid Value mg KOH/g	PNT-M-082 (Volum. AOCS Cd 3d-63)	0.5-1	0.58
Acidity grade (in Oleic Acid) %p/p		0.25-0.50	0.29
Peroxide value - meq O2/kg.	R.CEE 2568/91 A III	1-9	8
Color (Gardner)	PNT-M-039 (AOCS Td 1a-64)	8-12	11
Moisture&volatile matter (103°C)% p/p	PNT-MF-142 (Gravi. Regl.(CE) nº 152/2009)	<0.05	<0.05
impurities ins. petroleum ether	UNE-EN ISO 663:2002	<0.02	<0.02

Chain Distribution	Method	Specified range	Typical
C 12:0 Lauric	R.CEE 2568/91 X & CE796/02	<0.02	<0.02
C 14:0 Myristic	R.CEE 2568/91 X & CE796/02	<0.1	<0.1
C 16:0 Palmitic	R.CEE 2568/91 X & CE796/02	1.0-2.5	2
C 16:1 Palmitoleic	R.CEE 2568/91 X & CE796/02	<0.2	<0.1
C 17:0 Margaric	R.CEE 2568/91 X & CE796/02	<0.1	<0.1
C 17:1 Margaroleic	R.CEE 2568/91 X & CE796/02	<0.1	<0.1
C 18:0 Stearic	R.CEE 2568/91 X & CE796/02	0.5-1.3	1
C 18:1 Trans-Oleic	R.CEE 2568/91 X & CE796/02	<0.02	<0.02
C 18:1 Cis-Oleic	R.CEE 2568/91 X & CE796/02	15-16	15
C 18:2 Cis-Linoleic	R.CEE 2568/91 X & CE796/02	8-10	9.3
C 18:3 Linolenic	R.CEE 2568/91 X & CE796/02	5-6	5.5
C 20:0 Arachidic	R.CEE 2568/91 X & CE796/02	0.5-1.5	1.1
C 20:1 Gadoleic	R.CEE 2568/91 X & CE796/02	1.0-1.5	1.0-1.5
C 22:0 Behenic	R.CEE 2568/91 X & CE796/02	0.5-1.0	0.3
C 22:1 Erucic	R.CEE 2568/91 X & CE796/02	56-64	58
C 24:0 Lignoceric	R.CEE 2568/91 X & CE796/02	<0.8	0.6

Other specs

sterols total content mg/kg. Fat	R.CEE 2568/91 Anx. V	5318
Colesterol %	R.CEE 2568/91 Anx. V	0.8 max
Brassicasterol %	R.CEE 2568/91 Anx. V	10-12
Campesterol %	R.CEE 2568/91 Anx. V	20-22
Stigmasterol %	R.CEE 2568/91 Anx. V	1-1.5
Beta-Sitosterol %	R.CEE 2568/91 Anx. V	60-65
delta-7-stigmasterol %	R.CEE 2568/91 Anx. V	0.9 max.

Available in the following packages:**Bulk-IBC -drums**

Mr. Hasmath K. Haver
Inspector Chemical Engineer

The quality control data are determined for every production batch and release. The data and information above are to our best knowledge true and accurate. They refers to specific values of the current batch provided by the method indicated and should be so considered. AXARIA assumes no responsibility, express or implied, for use of said data and information.

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