

Dubois-Natural Esters Sdn Bhd (337789-K)

SST No: J31-1808-21004534



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LAB REF NO: ECD20-0144-R1

DATE : 17.08.2020

CERTIFICATE OF ANALYSIS

DATE : 23.06.2020

LAB REQUEST ID 510000169205
 CUSTOMER SAFER SACIF
 VESSEL EVER BONNY V.1769-029S / CMA CGM JACQUES JUNIOR V.0AA6JW1MA
 B/L NO & DATE EGLV093000201022 & 23.06.2020
 PRODUCT MEDIUM CHAIN TRIGLYCERIDES (MCT)
 QUANTITY, MTS 7.60 MTS OR 40 DRUMS
 CONTAINER & SEAL NO EMCU6084114 / EMC GZQ 0419
 MANUFACTURING DATE 05 JUNE 2020
 BEST BEFORE 04 JUNE 2022
 LOT NO C200605-2N

Parameter Name	Unit	Result	Specification	Test Method
Acid Value	mg KOH/g	0.02	0.10 MAX	AOCS Te 2a-64:2017
Colour Apha	APHA	21	50 MAX	AOCS Td 1b-64:2017
Density at 20°C	g/cm ³	0.945	0.930 - 0.960	AOCS To 1b-64:2017
Hydroxyl Value	mg KOH/g	2.7	10.0 MAX	SP.TM1.09
Iodine value	%I2	0.2	1.0 MAX	AOCS Tg 1a-64:2017
Peroxide Value	meq/kg	0.3	1.0 MAX	AOCS Cd 8-53:1997
Refractive Index at 20°C	-	1.450	1.448 - 1.451	AOCS Tp 1a-64:2017
Saponification Value	mg KOH/g	332	325 - 345	AOCS Tl 1a-64:2017
Sulphated Ash	%	0.02	0.10 MAX	AOCS Tm 1a-64:2017
Viscosity at 20°C	mPas	31.0	25.0 - 33.0	APAG-FA-004:1987
Water Content	%	0.02	0.10 MAX	AOCS Tb2-64:1997
C06	%	0.0	0.5 MAX	AOCS Ce 1e-91:1997
C08	%	56.2	53.0 MIN	AOCS Ce 1e-91:1997
C10	%	43.6	36.0 - 47.0	AOCS Ce 1e-91:1997
C12	%	TRACE	1.5 MAX	AOCS Ce 1e-91:1997

NOTE: "BEST BEFORE" applies for goods with proper storage condition e.g.:

- i) Stored in cool (approx. 30°C) & dry place
- ii) In its original unopened packing

MANUFACTURER - DUBOIS-NATURAL ESTERS SDN BHD

CLEARED BY: JIA SHEN - CHEMIST

DATE: 09.06.2020

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