

DATE : 13 August 2020

CERTIFICATE OF ANALYSIS

Rel No. : FA/QC/GSK/20/VIII-076

QUANTITY/COMMODITY : 170,000 MT (6,800 BAGS)
STEARIC ACID 38% (WILFARIN SA-1838)

PACKING : IN 25KG BAGS, LOOSE STUFFED

MANUFACTURED DATE : JULY 31, 2020; JULY 30, 2020

BEST BEFORE : JULY 31, 2021; JULY 30, 2021

VESSEL : NORTHERN VALENCE V.2004N

PI NO : 100220RK2294 A

CONTAINER / BATCH NO : HALU 2031378 (B200731-16W); TEMU 5081417 (B200731-15W); SEGU 1414494 (B200731-14W);
SKLU 2021792 (B200731-13W); SKLU 0747235 (B200731-12W); CXDU 2374968 (B200731-11W);
HALU 2054162 (B200730-110W); SKLU 1629983 (B200730-19W); DFSU 1931974 (B200730-18W);
HALU 2090658 (B200730-17W)

A COMPOSITE SAMPLE WAS DRAWN FROM THE ABOVE-MENTIONED CONSIGNMENT
FOR ANALYSIS ON ANALYSIS THE FOLLOWING RESULTS WERE OBTAINED :

<u>Parameter</u>	<u>Unit</u>	<u>Result</u>	<u>Specification</u>	<u>Test Method</u>
Acid Value	mg KOH/g	210	206-213	AOCS Te 1a - 64 : 2009
Saponification Value	mg KOH/g	211	207-214	AOCS TI 1a - 64 : 2009
Iodine Value	% I2 absorbed	0.1	0.5 max	AOCS Tg 1a - 64 : 2009
Color 5 1/4" Lov	R	0.1	0.3 max	AOCS Cc 13e-92 : 2009
	Y	0.7	3.0 max	
Titre	°C	55.4	54-56	AOCS Tr 1a - 64 : 2009
Carbon chain distribution	%			
- C12		ND	1 max	
- C14		0.1	2 max	
- C16		59.5	57-65	AOCS Ce 1e - 91 : 1993
- C18:0		39.7	35-40	
- C18:1		<0.1	0.5 max	
- Others		0.7	1.5 max	

Certified Correct,

13
20
08

Riko Juliardi

QC Head

Address : Gedung I3 & G Lantai 9

Jl. Putri Hijau No.10 Kesawan, Medan Barat Medan, Sumatera Utara - 20111

Phone : (061) 4145777, 4102777 Fax : (061) 4154891, 4143150

Factory Address:

Jl. Kapten Darmo Sugondo No. 56,

Gresik 61124 Tel. +62313989101