

CERTIFICATE OF ANALYSIS

DATE : 17 JUN 2025
SUPPLIER : CREMER SINGAPORE PTE LTD
OUR SALES CTR. NO. : SC2580127
ANASTACIO PO NO. : 001372
INVOICE NO. : SINV2580476

PRE-CARRIAGE : MSC ARIA III V.HO523A
VESSEL : MSC LEILA V.QI523A
B/L NO. & DATED : BKKS25111016 DATED 17 JUN 2025

DESCRIPTION OF GOODS : ALCOOL CETILICO
NCM: 2905.17.20
QUANTITY : 50 MTS OR 2,500 BAGS
PACKING : PACKED IN 20KG NEUTRAL PE BAGS
LOOSE STUFFED

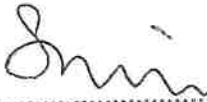
CONTAINER / SEAL NO : MSBU4592370 / FJ23681264
SCZU3218338 / FJ23681323

PRODUCTION DATE : 27 MAY 2025
EXPIRY DATE : 26 MAY 2027
BATCH NO : 2325052703

MANUFACTURER : GLOBAL GREEN CHEMICALS PUBLIC COMPANY
LIMITED
555/1 ENERGY COMPLEX BUILDING A, 4TH FLOOR,
VIBHAVADI RANGSIT ROAD, CHATUCHAK,
CHATUCHAK, BANGKOK 10900, THAILAND

PARAMETER NAME	SPECIFICATION	RESULTS
Appearance	White solid or pastille	Pastilles
Colour (APHA)	0 - 10	4
Acid value (mg KOH/g)	0 - 0.1	0.01
Saponification value (mgKOH/g)	0 - 0.5	<0.1
Hydroxyl value (mgKOH/g)	228 - 233	232
Water content (%)	0 - 0.3	0.052
Chain Distribution (%):		
C14	0 - 2	0.24
C16	98 - 100	98.48
C18	0 - 2	0.15
Iodine value (g Iodine/100g)	0 - 0.5	<0.1
Solidification range (°C)	47 - 50	49.0
Hydrocarbons (%)	0 - 0.5	<0.01
Carbonyl Number (mg/g(mg/kg))	0.15 (150) max	90

CREMER SINGAPORE PTE. LTD.

**Cremer Singapore Pte Ltd**

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