

24 JULY 2024  
KRAFT CHEMICAL COMPANY  
750 OAKWOOD RD.  
LAKE ZURICH, IL 60047



OUR REF : D071931

**CERTIFICATE OF ANALYSIS**

**PRODUCT** : LAURIC ACID 99% USP KOSHER (307859)

**QUANTITY** : 19,200 KGS

**CONTRACT NO.** : CE43171

**YOUR ORDER NO.** : 460350

**VESSEL** : MSC ANTONELLA V.XA428A/  
MSC NEW YORK V.FX430N

**ETD** : 21/07/2024

**MANUFACTURING DATE** : 07 MAY 2024 / 09 MAY 2024

**RE-TEST DATE** : 06 MAY 2026 / 08 MAY 2026

**MARKING** : (KORTACID)  
LAURIC ACID (K) P  
KORTACID 1299  
BATCH NO.: 229B1QXQVSUA / 229B1QZQVSUA  
GROSS WEIGHT: 25.12 KG  
TARE WEIGHT: 0.12 KG  
NET WEIGHT: 25.0 KG  
PRODUCT OF MALAYSIA  
PACIFIC OLEOCHEMICALS SDN BHD

**MANUFACTURER- PACIFIC OLEOCHEMICALS SDN BHD**

TIA HUI YUN - CHEMIST

*(This is a computer generated document and will not bear any signature)*

Page 1 of 2

The following steps should be taken to ensure product quality will not be affected during discharge and storage.

- Use clean and stainless steel discharge line to discharge product.
  - For solid/semi solid product, the melting process should be controlled at condition which heating rate is NOT exceeding 1-2°C/hour or low pressure steam 1-2bar to prevent localised over heating.
  - Product shelf life is not applicable once product is discharged from original receptacle. Packed product must be stored in proper ventilated closed warehouse to avoid direct exposure to weather.
- Fatty Acid (C6/C8/C10) colour is reported at the time of shipment. Color will increase over the time.

24 JULY 2024

OUR REF : D071931

KRAFT CHEMICAL COMPANY

750 OAKWOOD RD.  
LAKE ZURICH, IL 60047

**CERTIFICATE OF ANALYSIS**

	<u>METHOD</u>	<u>BATCH NO : SPECIFICATION</u>	229B1QXQVSUA 8,200 KGS	229B1QZQVSUA 11,000 KGS
<b><u>ANALYSIS RESULT</u></b>				
IODINE VALUE gI2/100g	AOCS Tg 1a-64	0.2MAX	0.1	0.1
ACID VALUE mg KOH/g	AOCS Te 1a-64	279 - 281	280.1	280.1
SAPONIFICATION VALUE mg KOH/g	AOCS Tl 1a-64	280 - 282	281.1	281.1
TITER degree C	AOCS Tr 1a-64	43.3 - 44	43.6	43.6
COLOUR (5 1/4" LOV. CELL) R	AOCS Cc 13e-92	0.2MAX	0.1	0.1
COLOUR (5 1/4" LOV. CELL) Y	AOCS Cc 13e-92	2MAX	0.5	0.5
<b><u>FATTY ACID COMPOSITION(%)</u></b>				
C10	AOCS Ce 1e-91	1MAX	0.1	0.2
C12	AOCS Ce 1e-91	99MIN	99.7	99.6
C14	AOCS Ce 1e-91	1MAX	0.1	0.1
OTHERS	AOCS Ce 1e-91	0.2MAX	0.1	0.1

**MANUFACTURER- PACIFIC OLEOCHEMICALS SDN BHD**

TIA HUI YUN - CHEMIST

*(This is a computer generated document and will not bear any signature)*

Page 2 of 2

The following steps should be taken to ensure product quality will not be affected during discharge and storage.

- Use clean and stainless steel discharge line to discharge product.
  - For solid/semi solid product, the melting process should be controlled at condition which heating rate is NOT exceeding 1-2°C/hour or low pressure steam 1-2bar to prevent localised over heating
  - Product shelf life is not applicable once product is discharged from original receptacle. Packed product must be stored in proper ventilated closed warehouse to avoid direct exposure to weather.
- Fatty Acid (C6/C8/C10) colour is reported at the time of shipment. Color will increase over the time.