



TFA
บริษัท ไทยเฟดดีแอลกอฮอล์ จำกัด
Thai Fatty Alcohols Co.,Ltd.

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Certificate of Analysis

Commodity: ThaiOL 1898 Fractionated Fatty Alcohol (C1898)

Description: Stearyl Alcohol 98% min

Batch No: 1319031407

Tank No: 3200T008A

Lab Report No: LAR-C04-1903-01080

Characteristics	Analysis Method	Specification	Result
Appearance	Visual check	White solid or Pastilles	White Solid
Colour, APHA	ASTM D5386	0- 10	3
Acid value, mg KOH/g	ASTM D664-18e2	0- 0.1	0.05
Sap. Value, mg KOH/g	ISO 3657:2013 (E)	0- 0.5	0.02
Hydroxyl value, mg KOH/g	ASTM E1899-08	207- 210	208.3
Iodine Value, g I ₂ /100g	AOCS Cd 1C-85	0-0.7	<0.01
Solidification Range, °C	ISO 3841	55-58	57.4
Water content, %	ASTM E203-08	0- 0.3	0.008
Chain distribution, %	In house Method Base on Reference No.970059-01		
C16		0-2	0.41
C18		98-100	98.68
C20		0-2	0.22
Hydrocarbon, %	In house Method Base on Reference No.970059-01	0-0.5	<0.01
Carbonyl Number, mg/kg	In house Method Base on Reference no.980144-01	150 max	130

We hereby verify the analysis of the sample as shown above.

Agornsri Thavornchan
Senior Technical Support Engineer (QA)


THAI FATTY ALCOHOLS COMPANY LIMITED
(As manufacturer)

The test values listed above were determined from selected, representative samples taken from the batch(es) to be delivered.

The above information only applies to material directly after production. It does not release the purchaser from conducting his own incoming inspection and does not release a guarantee of certain characteristics, or of the suitability of the product for a certain