

# LAURIC ACID 70% MIN



## General Information

Origin	Malaysia
HS Code	29159090
Cas No.	143-07-7
Appearance	White or faintly yellowish solid at 25°C

## Application

Soap and Detergent Industry	It can react with sodium hydroxide or potassium hydroxide in a reaction known as saponification. The reaction of lauric acid with NaOH would yield a product that is used for solid soap, whereas that with KOH would yield a product that is used for liquid soap manufacture.
Cosmetics Industry	It is used in skincare and beauty products because it possesses anti-microbial and anti-acne properties. It can form monolaurin that is used as a surfactant in cosmetics like deodorant.
Other Applications	It can be used to produce biodiesel which is a renewable, alternative energy. It also has potential medical usage and is used as a lubricant in plastic manufacture.

## Specification

Test	Specification
Titre °C	32.0 – 36.0
Iodine Value $gI_2/100g$	1.0 Max
Acid Value (mg KOH/g)	267.0 – 275.0
Saponification Value (mg KOH/g)	268.0 – 276.0
Color 5 <sup>1/4</sup> " LOV. Max	2Y 0.2R
Color APHA Max	40
Typical Fatty Acid Composition %	
C10	2.0 Max
C12	70.0 Min
C14	23.0 – 28.0
C16	4.0 Max
Others	1.0 Max

## Packaging

185 Kg – Steel Drums