

Lauric Acid

White crystalline solid fatty acid

Product Description

Lauric acid used in soap manufacturing, cosmetics, and as a chemical intermediate.

Certificate of Analysis

HSN Code: 2915.31

CAS Number: 143-07-7

Classification: Non-hazardous under normal

Parameter	Specification	Test Method
Chemical Formula	C • , H , „ O ,	-
Molecular Weight	200.32 g/mol	-
Appearance	White crystalline powder or flakes	Visual
Assay (Purity)	Min 99.0%	GC / Titration
Melting Point	43 – 48 °C	ASTM D87
Acid Value	198 – 206 mg KOH/g	ASTM D1980
Iodine Value	Max 1.0	ASTM D1959
Moisture Content	Max 0.5%	Karl Fischer Titration
Saponification Value	248 – 265 mg KOH/g	ASTM D94
Color (Lovibond)	Max 10 Y + 5 R	Visual / Lovibond
Odor	Characteristic fatty acid odor	Sensory
Solubility	Insoluble in water; soluble in alcohol, ether	Visual

Physical Properties

Appearance: White crystalline powder or flakes

Odor: Characteristic fatty acid odor

Solubility: Insoluble in water; soluble in alcohol, ether

Packing: 25 kg HDPE bags with inner liner, 50 kg paper bags or fiber drums, Bulk supply in tankers (for molten form)

Storage: Store in a cool, dry place away from direct sunlight and heat sources. Avoid moisture and contamination. Keep c

Safety & Handling

PPE: Gloves, goggles

Hazards:

- Mild skin irritation
- Eye irritation