

# Lauric Acid

INCI Name: Lauric Acid

CAS Numbers: 143-07-7



## Description:

Lauric acid, also known as dodecanoic acid is a saturated fatty acid with a 12-carbon atom chain, thus falling into the medium chain fatty acids, it has a faint odor of bay oil or soap. It is mainly used for the production of soaps and cosmetics.

## Technical Data:

Test/Property	Specification	Result
Iodine Value	0.20 MAXIMUM	0.10
Acid Value	272 TO 282	281.3
Saponification Value	279 TO 283	282.5
Titer, Deg. C	43.00 TO 44.00	43.40
Appearance @ 25dgr	White waxy flake	PASS
C12	99.00 MINIMUM	99.50
Color Lovibond Red	0.3 MAX	0.1
Color Lovibond Yellow	3 MAX	0.4

## Applications:

Lauric acid is found in many vegetable fats, particularly in coconut and palm kernel oils. Lauric acid has been found to increase total cholesterol the most of all fatty acids. But most of the increase is attributable to an increase in high-density lipoprotein (HDL) "good" cholesterol. Lauric acid is inexpensive, has a long shelf-life, and is non-toxic and safe to handle.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

[www.mckinleyresources.com](http://www.mckinleyresources.com) • [info@mckinleyresources.com](mailto:info@mckinleyresources.com)