



MYRISTIC ACID – 98 %
(TETRADECANOIC ACID)
CAS No., 544-63-8

I. GENERAL

Myristic acid 98 is a saturated linear fatty acid (C₁₄H₂₈O₂) produced by the fractionation of acids derived from coconut or palm kernel oils. In form it is a hard, white or pale yellow, somewhat glossy crystalline solid.

II. TYPICAL PROPERTIES

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|----------------------|----------------------|
| Color, Lovibond 5 ¼” | 2.5 yellow / 0.5 red |
| Acid Value | 245 |
| Saponification Value | 246 |
| Iodine Value | 0.2 |
| Titer, deg. C | 53.5 |
| Unsaponifiables % | 0.1 |
| Composition % | |
| Lauric C12 | 0-2 |
| Myristic C14 | 98 min. |
| Palmitic C16 | 1-2 |

III. SPECIFICATIONS

| | |
|---------------------------|----------------------|
| Color, Lovibond 5 ¼”, max | 3.0 yellow / 1.0 red |
| Acid Value | 243 – 247 |
| Saponification Value | 243 – 247 |
| Iodine Value, max. | 1.0 |
| Titre, deg C, min. | 51 |
| Unsaponifiables % max. | 0.5 |
| Purity C14 % min. | 98 |

IV. APPLICATION

Myristic Acid, in purities ranging from 92% to 99% , is used in the manufacture of esters, soaps, detergents, etc., in the cosmetic and pharmaceutical industry, and in acid chlorides, metallic soaps, etc., in the industrial sector.

V. PACKING

Available in either 50 lb. net or 22.68 kg. net multi-wall (moisture barrier) bags, palletized and shrink wrapped.