

## Specifications for Octanoic Acid

Parameter	Value
Molecular Formula	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>
Mol Wt	144.21
CAS #	[124-07-2]
Description	Oily, viscous liquid without sediments, with unpleasant rancid taste
Density in g ml at 20/20 deg cel	0.909 – 0.910
Distillation range in deg cel	236 – 242
Iodine value	0.5 max
Acid value	386-389
Solidification point in deg cel	15.5 – 16.5
Colour (Lovibond 5.25 inch cell)	1R 4.0Y max
Fatty acid composition (%)	
C6	0.5 max
C8	99 min
C10	0.5 max
Others	0.1 max

## Uses

Industry	Application
Fragrances	In mfr of esters used in perfumery industries
Colorants	In mfr of dyes
Detergent	In mfr of sulphonates