



Specifications for Octanoic Acid

Parameter	Value
Molecular Formula	C ₈ H ₁₆ O ₂
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