

Specifications for Palmitic Acid

Parameter	Value
Molecular Formula	C16H32O2
Mol Wt	256.42
CAS #	[57-10-3]
Description	White flakes
Purity (%)	98.5 min
Titre in deg cel	report
Acid value	215 -233
Saponification Value	216 -224
Iodine Value (mg of I2/gm)	1 max
Moisture (%)	0.5 max
Flash Point in deg cel	206

Uses

Industry	Application
Detergents	In manufacture of fatty esters used as surfactants
Cosmetics	In cosmetic formulation
Renewable energy	As methyl palmitate in biodiesel as neat and/or as blending