



SPECIFICATION STEARIC ACID

STEARIC ACID 1850

PROPERTIES	UNIT	SPECIFICATION	TEST METHOD
Acid Value	mg KOH/g	202 - 212	AOCS Te 1a-64
Saponification Value	mg KOH/g	203 - 213	AOCS TI 1a-64
Iodine Value	I ₂ /100 grams	0.5 max	AOCS Cd 1b-87
Moisture	wt %	0.2 max	AOCS Ca 2e-84
Titer	° C	52 - 60	AOCS Tr 1a-64
Color Lovibond, 5 ¼ Inch	red	0.5 max	AOCS Cc 13b-45
Color Lovibond, 5 ¼ Inch	yellow	5 max	AOCS Cc 13b-45
Chain length Distribution by GC	wt%		Gas Chromatography
C14 and lower		2 max	
C16		40 - 49	
C18:0		50 - 60	
C18:1		0.5 max	
C20 and higher		1 max	
Others		1 max	

- Product available in paper bag, jumbo bag and isotank
- Our products are manufactured from GMO free natural vegetable oils
- Products are Halal certified, Kosher certified. Our plant certified for ISO 9001, RSPO MB
- No allergens potential materials are present
- No preservatives or additives are present
- No residual solvents (Organic Volatile Impurities) are present
- Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) are not concern with these products



Issue	February 2023
Product Name	Stearic Acid Triple Pressed
Product Code	SA-301
iodine Value (gI ₂ /100g)	0.5 max
Acid Value (mg KOH / g)	207 - 211
Saponification Value (mg KOH / g)	208 - 212
Titer (°C)	54 - 56
Colour Lovibond 5.25" Cell	0.3R/3.0Y max

Carbon Chain Composition (%)	
C14 & Below	2 Max
C16	53 - 62
C18	38 - 45
> C18	1 max
Others	0.5 Max