

PRODUCT SPECIFICATIONS

Common Name : Stearic Fatty Acid, 90%, Vegetable Grade

Product Code : TRV1890

Chemical Name : Stearic Fatty Acid, C₁₈

| <u>Properties</u> | <u>Specifications</u> | <u>Anaytical Methods</u> |
|-----------------------------|-------------------------------------|--------------------------|
| Appearance, (melt) | Clear, Colorless to Pale Yellow Liq | Visual |
| Acid Value | 195 - 203 | AOCS Da 14-48 |
| Saponification Value | 197 - 205 | AOCS Cd 3-25 |
| Iodine Value | 1.5 max | AOCS Dc 1b-87 |
| Moisture, % | 0.3 max | AOCS Ca 2e-84 |
| Unsaponifiable (typical), % | 0.15 max | AOCS Tk 1a-64 |
| Color, (% Transmittance) | | |
| 440/550 mu | 80/95 min | AOCS Td 2a-64 |
| Color, Gardner | 1 max | AOCS Td 1a-64 |
| Color, Lovibond Yellow/Red | 5Y/0.5R max | AOCS Cc 13b-45 |
| Fatty Acid Composition | | AOCS Ce 1-62/Ce 1e-91 |
| C ₁₈ | 87 min | |
| C _{18:1} | 2 max | |

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