



## PRODUCT SPECIFICATION SHEET

### Stearic Acid

NF Grade

| Test                           | Specification             | Typical Results |
|--------------------------------|---------------------------|-----------------|
| Assay                          |                           |                 |
| Lauric acid, C12               | ≤1.0%                     | Pass            |
| Myristic acid, C14             | ≤3.0%                     | Pass            |
| Palmitic acid, C16             | 46 – 56%                  | Pass            |
| Stearic acid, C16              | 42 – 52%                  | Pass            |
| Oleic acid, C18'1              | ≤1.0%                     | Pass            |
| Others                         | ≤1.5%                     | Pass            |
| Appearance                     | White Free-Flowing Flakes | Pass            |
| Color, Lovibond 5.25" – Yellow | ≤4.0                      | Pass            |
| Color, Lovibond 5.25" – Red    | ≤0.4                      | Pass            |
| Titer, °C                      | 54.5 - 56.5               | Pass            |
| Acid Value                     | 205 - 211                 | Pass            |
| SAP Value                      | 206 - 213                 | Pass            |
| Iodine Value                   | ≤1.0                      | Pass            |

Appropriate/legal use of this product is the responsibility of the user.