

| Shortening Specifications                                |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
|----------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------|-----------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|
| Melting Point                                            | 36°C - 39°C                                                                      | Melting Point                     | 39°C - 42°C           | Melting Point                     | 42°C - 46°C             | Melting Point                     | 45°C - 48°C             | Melting Point                     | 48°C - 52°C             |
| (Iodine Value (IV) :                                     | 49g - 55g 12/100g                                                                | (Iodine Value (IV) :              | 48g - 53g 12/100g     | (Iodine Value (IV) :              | 45g - 50g 12/100g       | (Iodine Value (IV) :              | Max 49g 12/100g         | (Iodine Value (IV) :              | 38g - 43g 12/100g       |
| FFA (when packed) :                                      | Max 0.1% as palmitic                                                             | FFA (when packed) :               | Max 0.1% as palmitic  | FFA (when packed) :               | Max 0.1 (% as palmitic) | FFA (when packed) :               | Max 0.1 (% as palmitic) | FFA (when packed) :               | Max 0.1 (% as palmitic) |
| PV (when packed) :                                       | Max 1 meq peroxide/kg                                                            | PV (when packed) :                | Max 1 meq peroxide/kg | PV (when packed) :                | Max 1 meq peroxide/kg   | PV (when packed) :                | Max 1 meq peroxide/kg   | PV (when packed) :                | Max 1 meq peroxide/kg   |
|                                                          |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| <b>Solid Fat Content</b>                                 |                                                                                  | <b>Solid Fat Content</b>          |                       | <b>Solid Fat Content</b>          |                         | <b>Solid Fat Content</b>          |                         | <b>Solid Fat Content</b>          |                         |
| 23% - 27%                                                | (at 20°C)                                                                        | 27 % - 33%                        | (at 20°C)             | 33%                               | 38 % (at 20°C)          | 39% - 43%                         | (at 20°C)               | 46% - 51%                         | (at 20°C)               |
| 8% - 12%                                                 | (at 30°C)                                                                        | 12% - 16%                         | (at 30°C)             | 16%                               | 20% (at 30°C)           | 19% - 23%                         | (at 30°C)               | 29% - 35%                         | (at 30°C)               |
| 4% - 8%                                                  | (at 35°C)                                                                        | 6% - 10%                          | (at 35°C)             | 10%                               | 14% (at 35°C)           | 13% - 17%                         | (at 35°C)               | 20% - 24%                         | (at 35°C)               |
| 1% - 6%                                                  | (at 40°C)                                                                        | 3% - 7%                           | (at 40°C)             | 6%                                | 11% (at 40°C)           | 8% - 12%                          | (at 40°C)               | 12% - 17%                         | (at 40°C)               |
|                                                          |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| <b>(Color (Lovibond 5 1/4")):</b>                        | <b>Max 2.5 Red</b>                                                               | <b>(Color (Lovibond 5 1/4")):</b> | <b>Max 2.5 Red</b>    | <b>(Color (Lovibond 5 1/4")):</b> | <b>Max 2.5 Red</b>      | <b>(Color (Lovibond 5 1/4")):</b> | <b>Max 2.5 Red</b>      | <b>(Color (Lovibond 5 1/4")):</b> | <b>Max 2.5 Red</b>      |
| Moisture Content :                                       | (-)%                                                                             | Moisture Content :                | (-)%                  | Moisture Content :                | (-)%                    | Moisture Content :                | (-)%                    | Moisture Content :                | (-)%                    |
| Salt Content :                                           | (-)%                                                                             | Salt Content :                    | (-)%                  | Salt Content :                    | (-)%                    | Salt Content :                    | (-)%                    | Salt Content :                    | (-)%                    |
| Emulsifier :                                             | (+) ppm                                                                          | Emulsifier :                      | (+) ppm               | Emulsifier :                      | (+) ppm                 | Emulsifier :                      | (+) ppm                 | Emulsifier :                      | (+) ppm                 |
| Antioxidants :                                           | (+) ppm                                                                          | Antioxidants :                    | (+) ppm               | Antioxidants :                    | (+) ppm                 | Antioxidants :                    | (+) ppm                 | Antioxidants :                    | (+) ppm                 |
| Flavour :                                                | (-) ppm                                                                          | Flavour :                         | (-) ppm               | Flavour :                         | (-) ppm                 | Flavour :                         | (-) ppm                 | Flavour :                         | (-) ppm                 |
| Shelf Life :                                             | 12 Months                                                                        | Shelf Life :                      | 12 Months             | Shelf Life :                      | 12 Months               | Shelf Life :                      | 12 Months               | Shelf Life :                      | 12 Months               |
| Colour :                                                 | White                                                                            | Colour :                          | White                 | Colour :                          | White                   | Colour :                          | White                   | Colour :                          | White                   |
| Taste :                                                  | Neutral                                                                          | Taste :                           | Neutral               | Taste :                           | Neutral                 | Taste :                           | Neutral                 | Taste :                           | Neutral                 |
| Odor :                                                   | Neutral                                                                          | Odor :                            | Neutral               | Odor :                            | Neutral                 | Odor :                            | Neutral                 | Odor :                            | Neutral                 |
| <b>Applications :</b>                                    | <b>Cake Bread, Biscuits, Cookies and Cream-Filled Biscuits, Cream Decorating</b> |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| Storage                                                  |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| Avoid direct sunlight                                    |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| Avoid from strong smelling                               |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| Should be stored at temperature below 35°C and dry place |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| Pack Size : 15Kg or 20Kg                                 |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |
| Package : Carton Box                                     |                                                                                  |                                   |                       |                                   |                         |                                   |                         |                                   |                         |

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