

# DC High Fat – Medium Grade Specification

## PHYSICAL

1. Colour : Natural White, reasonably free from yellow and other discoloration.
2. Flavour : Mild characteristic of coconut with no off flavour.
3. Size : Coarse granules of coconut.
4. Impurities : Not more than 8 pcs/100 gr sample

## CHEMICAL

1. Moisture Content (%) : 3% maximum
2. Total fat (%) : Min 64
3. FFA (as Lauric Acid) (%) : 0.10 maximum
4. Residual SO<sub>2</sub> (PPM) : Not detection (<5) or 50ppm
5. PH : 6.1 to 6.7
6. Invert Sugar : 0.6 maximum
7. Lipase : Negative
8. Total Aflatoxin : Negative
9. Heavy Metal
  - a. Mercury (Hg) : <0.03
  - b. Lead (pb) : 0.5 maximum
  - c. Copper : 20 maximum
  - d. Zinc (Ze) : 40 maximum
  - e. Cadmium : 0.05 maximum
  - f. Arsenic : 1.0 (maximum)

## MICROBIOLOGICAL

1. Total Plate count : 5,000 cfu/gram maximum
2. Yeast : 50 cfu/gram maximum
3. Moulds : 50 cfu/gram maximum
4. E. coli : Negative
5. Enterobacteriaceae : 190 cfu/gram maximum
6. Staphylococcus aureus : Negative
7. Salmonella : Negative

## PARTICLE SIZE

1. 10 : 2-20 (%)
2. 12 : 15-32 (%)
3. 14 : 28-39 (%)
4. 16 : 16-28 (%)
5. 20 : 4-18 (%)
6. PAN : 1-6 (%)