CLAIMS

1. Bovine milk fat comprising, based on the total fatty acid weight,
   a. 8.9-20.0 wt% linoleic acid (C18:2 cis, 9,12),
   b. 0.9-2.4 wt% alpha-linolenic acid (C18:3 cis 9,12,15), and
   c. 3-5 wt% butyric acid (C4:0),
   wherein the weight ratio of linoleic acid to alpha-linolenic acid is in the range of 4:1 - 10:1.

2. Bovine milk fat according to claim 1, wherein the weight ratio linoleic acid to alpha-linolenic acid is in the range of 5:1-10:1.

3. Bovine milk fat according to claim 1 or 2, comprising 11-20 wt% linoleic acid, and most preferably 12-18 wt% linoleic acid, based on total fatty acids.

4. Bovine milk fat according to any of the preceding claims, comprising 15-40 wt% palmitic acid (C16:0).

5. Bovine milk fat according to any of the preceding claims, comprising 8-18 wt% stearic acid (C18:0).

6. Bovine milk fat according to claim 4, wherein at least 30% of the palmitic acid is bound to glyceride at the sn-2 position.

7. Bovine milk fat according to any of the preceding claims, having an oleic acid content (C18:1 cis) in the range of 15-35 wt%.

8. Bovine milk fat according to any of the preceding claims wherein the fat comprises at most 3.0 wt%, preferably 0.5-3.0 wt%, and most preferably 0.5-2.5 wt% fatty acids with one or more non-conjugated carbon-carbon double bonds in the trans position.

9. Bovine milk fat according to any of the preceding claims having a soap forming potential defined as the molar percentage of the sum of C12:0, C14:0, C16:0, and

C18:0 in the sn-1 or sn-3 position, based on total fatty acids of 55 mol% or less, preferably in the range of 30-52 mol%, in particular in the range of 40-50 mol%.

10. Bovine milk wherein the fat phase consist of the bovine milk fat according to any of the claims 1-9.

11. Bovine milk according to claim 10 wherein at least 50 wt%, preferably 90-100 wt.% of the bovine milk fat is globular milk fat.

12. Use of the bovine milk fat according to any of the claims 1-9 as an ingredient in the production of formula milk, in particular an infant formula, a follow-up formula or a growing-up formula, comprising a fat phase, wherein the fat phase consists for at least 50 wt.%, preferably at least 60 wt%, more preferably at least 70 wt%, even more preferably at least 90 wt%, and most preferably 100 wt% of the fat phase consist of the bovine milk fat according to any of the claims 1-9.