CLAIMS

1. A composition comprising a polar lipid fraction and a LC-PUFA containing fraction, wherein in the composition
    a. from 73wt% to 83wt% is said polar lipid fraction containing from 28 to 38wt% phospholipids and
    b. from 17wt% to 27wt% is said LC-PUFA containing fraction containing from 45wt% to 55wt% LC-PUFA;

    and wherein said composition comprises from 20wt% to 32wt% of phospholipids.

2. The composition according to claim 1, wherein the polar lipid fraction comprises phospholipids which are selected from the group consisting of: vegetable phospholipid, marine phospholipid, animal phospholipid, and single cell organism phospholipid or mixtures thereof.

3. The composition according to claim 1or 2, wherein the polar lipid fraction comprises vegetable phospholipids obtained from soybean, sunflower or rapeseed.

4. The composition according to claims 1-3, wherein the polar lipid fraction comprises marine phospholipid obtained from krill, or fish.

5. The composition according to claims 1-4, wherein the polar lipid fraction comprises animal phospholipid, and said animal phospholipid is egg phospholipid obtained from chicken and/or duck, and/or milk phospholipid from cow and/or goat.

6. The composition according to claims 1-5, wherein the polar lipid fraction comprises single cell organism phospholipid obtained from algae, bacteria or fungus.

7. The composition according to claim 5, wherein the phospholipid is egg phospholipid from chicken.

8. The composition according to claims 1-7, wherein said LC-PUFA containing lipid fraction comprises LC-PUFA selected from the group consisting of: Eicosadienoic acid, Eicosatrienoic acid, Eicosapentaenoic acid (EPA), Arachidonic acid (ARA), Docosadienoic acid, Docosatetraenoic acid, Docosapentaenoic acid, Docosahexaenoic acid (DHA).

9. The composition according to claim 8, wherein said LC-PUFA containing lipid fraction comprises LC-PUFA selected from the group consisting of: EPA, ARA and DHA.

10. The composition according to any of the preceding claims, wherein said composition also comprises minor amounts of cholesterol, free fatty acids and/or anti-oxidants or additives.

11. The composition according to any of the preceding claims, wherein said LC-PUFA contained in said LC-PUFA containing lipid fraction has increased stability.

12. The composition according to claim 11, wherein said increased stability is oxidative stability.

13. The composition according to claims10-12, wherein said composition is stable at temperatures ranging from 0 to 45 degrees Celsius.

14. The composition according to any of the preceding claims, wherein said composition further comprises an anti-oxidant selected from the group consisting of: Alpha-tocopherol, mixed tocopherols, ascorbyl palmitate, rosemary extract, and citric acid.

15. The composition according to claims 2-14, wherein said mixed tocopherols is a mixture of alpha-, beta-, gamma, and delta-tocopherol.

16. The composition according to any of the preceding claims, wherein said composition is in liquid, semi-liquid or powder form.

17. Use of the composition according to any of the preceding claims to increase stability of LC-PUFA in the production of a product comprising LC-PUFA, such as a nutritional composition, a nutritional complete formula, a dairy product, a beverage, a liquid drink, a soup, a dietary supplement, a meal replacement, a nutritional bar, a yoghurt, a fermented milk product, a milk based powder, a health care product, an enteral nutrition product, an infant formula, or an infant nutritional product.

18. A product comprising a composition according to any one of the claims 1-16, wherein the product is preferably a LC-PUFA containing raw material such as a marine oil, a single cell oil, a vegetable oil, an animal oil, or a nutritional composition, a nutritional complete formula, a dairy product, a beverage, a liquid drink, a soup, a dietary supplement, a meal replacement, a nutritional bar, a yoghurt, a fermented milk product, a milk based powder, a health care product, an enteral nutrition product, an infant formula, or an infant nutritional product.