



GOLDEN OMEGA

April 21, 2017

Dear Clients,

As a leading innovator in the Omega 3 category, it is with great excitement that by beginning of May 2017, Golden Omega is making several improvements to all our Product Specifications. While our products have always far exceeded industry standards, this will now be better reflected in our revised and updated Product Specifications.

The main changes that will be implemented could be generally described as follows:

- a) Purity you can see. Thanks to our novel R&D development which allow us now to offer all our concentrates with a very clear appearance, the maximum limit for Gardner color will be reduced significantly. Color is a key factor which reflects the amount of impurities in omega-3 concentrates.
- b) Retest date extension from 24 months to 36 months.
- c) Maximum limits for oxidation parameters (POV, p-AV, TOTOX) will be reduced.
- d) Unsaponifiable matter will be reduced and will now be tested on a yearly basis.
- e) Maximum limits for Oligomer and partial glycerides will be reduced for all EE and TG concentrates.
- f) The minimum limit for Triglyceride will be increased in all TG concentrates.
- g) The heavy metals (Pb, Cd, Hg) and Arsenic (As) will now be tested at regular intervals. The extensive experience that we have accumulated in over 4 years of testing batch by batch have consistently resulted in extremely low levels for all these compounds allowing us to make this step. The maximum limit for Lead (Pb) will be reduced.
- h) The benzo(a)pyrene and Sum of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene and chrysene will now be tested at regular intervals. The extensive experience that we have accumulated in over 4 years of testing batch by batch have consistently resulted in extremely low levels for these compounds allowing us to make this step. The maximum limit for Sum of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene and chrysene will be reduced.
- i) The maximum limit for Cholesterol will be reduced and this parameter will now be tested at regular intervals.

The new Product Specifications for the Omega-3 concentrates currently being purchased by your company will be shared with your Quality and/or Purchasing Department by early May

Sincerely,

**GOLDEN OMEGA S.A.**

Claudio Aracena  
Commercial Director  
Golden Omega SA