



# Aquaculture ring test

Aquaculture ring test was created in 1992. The purpose of this proficiency test is to test the laboratories' performance on sample types and tests relevant to the aquaculture industry. In recent years there have been about 50 participants from 20 countries in four continents. The assigned value will be the consensus value and the standard deviation for the assessment will come from MasterLab historical values.

Aquaculture ring test is ISO /IEC 17043 accredited ( RvA R022).

(\*): non accredited tests

**Distribution:** 1 round per year, one shipment of 4 sample types of 250 g per distribution. Levels are as found in practice.

The participation is kept confidential.

## Schedule 2025

Registration closing date (See payment):	January 31 <sup>st</sup>
Dispatching samples:	February-March
Deadline for reporting results:	April 30 <sup>th</sup>
Preliminary report	May 9 <sup>th</sup>
Final report:	May 27 <sup>th</sup>

## Fee for participation

Fee for the Preliminary and Final report 860 €

Per sample

Sunflower 140 €

Fish meal 140 €

Fish oil 140 €

Fish feed 140 €

Per sample of fish flesh is 350 €

Transport is included.

**Registration:** <https://forms.office.com/e/8aVY7W2pqC>

## Payment

Cancellation is free until the sending of samples.

After the sending of samples cancellation fee is 100%.





Providing for  
reliability

#### The team

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#### Raw material

Sunflower meal	Ash, Fat (direct extraction), Fat (acid hydrolysis), Fat NMR*, Crude Fibre, Moisture, Crude Protein
Fish meal	Ash, Fat (acid hydrolysis), Fat (direct extraction), Fat NMR*, Free Fatty Acids, Moisture, Protein Water Soluble, Crude Protein, Salt (NaCl), Total Phosphorus, Total Volatile Nitrogen (TVN), Amino acids, Biogenic amines: Histamine, Putrescine, Cadaverine
Fish oil*	Fatty Acids profile*, Omega 3*, Omega 6*, Saturated fatty acids*

#### Fish Feed

Fish feed	Anisidine, Ash, BHT, BHA, Fat (acid hydrolysis), Fat (direct extraction), Fat NMR*, Crude Fibre, Free Fatty Acids, Moisture, Peroxide index, Total Phosphorus, Crude Protein, Salt (NaCl), Thiobarbituric acid reactive substances (TBARS) (*), Amino acids, Fatty Acids profile, Omega 3, Omega 6, Saturated fatty acids, Pigment-Astaxanthin, Vitamin A, Vitamin C, Vitamin D3, Vitamin E, Selenium, Copper, Manganese, Zinc
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#### Finished product

Fish Flesh	Ash, Fat (acid hydrolysis), Fat (direct extraction), Fat NMR*, Moisture, pH, Pigment Astaxanthin, Crude Protein, Total Volatile Nitrogen (TVN)*, Biogenic amines: Histamine, Putrescine, Cadaverine, Fatty Acids profile, Omega 3, Omega 6, Saturated fatty acids
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[www.eptis.org](http://www.eptis.org)