

Our PERFECT HEALTH STATUS is assuring authorities and customers to safely import Til-Aqua International genetics!



*Ictyopharma is a European-based Contract Research Organisation (CRO) specializing in aquatic animal health. During the past 2 years, 19 batches of Til-Aqua International fish were tested and **all were found negative** for diseases as *S. agalactiae*, *S. iniae*, *F. noentunensis subsp orientalis* and TiLV. Since September 2018 the fish are also checked for -and **proven to be free off**- *Edwardsiella ictaluri* and *Edwardsiella piscicida*. Recently also on *L. garviae* and ISKNV have been added to the diseases which are checked for.*

TEST	24-08-17	05-10-17	09-11-17	14-12-17	18-01-18	02-03-18	12-04-18	24-05-18	05-07-18	09-08-18	13-09-18	18-10-18	29-11-18	10-01-19	14-02-19	28-03-19	25-04-19	06-06-19	11-07-19	16-08-19	19-09-19	
Parasite check upon arrival	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
General health (behavior, growth)	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
General external check	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions
General internal check	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions
Bacteriology plating																						
- <i>S. agalactiae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>S. iniae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>F. noentunensis subsp orientalis</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella ictaluri</i>											Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella piscicida</i>											Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>L. garviae</i>														Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
PCR analysis internal organs																						
- <i>S. agalactiae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>S. iniae</i>					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>F. noentunensis subsp orientalis</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella ictaluri</i>											Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella piscicida</i>											Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Tilapia Lake Virus (TiLV)</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- ISKNV														Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative



*Wageningen Bioveterinary Research - Lelystad, part of Wageningen University & Research is an internationally renown knowledge institute in animal health. Moreover, for The Netherlands it is the official **National Reference Laboratory**.*

Since 2012 (latest 12/2020), Wageningen Bioveterinary Research - Lelystad has tested Til-Aqua International fish for the following diseases:

ALL FISH WERE TESTED NEGATIVE FOR ALL MENTIONED ISSUES.

Bacterial infections:

- **Flavobacterium columnare**
- **Streptococcus spp.**

Viruses:

- **EHNV**
- **IHNV**
- **VHSV**
- **SVCV**
- **OMV (HS-2)**

Further details and full reports can be found at the [Til-Aqua International website](#) or to be supplied and explained upon request.

Our PERFECT HEALTH STATUS is assuring authorities and customers to safely import Til-Aqua International genetics!



*Ictyopharma is a European-based Contract Research Organisation (CRO) specializing in aquatic animal health. During the past 2 years, 19 batches of Til-Aqua International fish were tested and **all were found negative** for diseases as *S. agalactiae*, *S. iniae*, *F. noentunensis subsp orientalis* and TiLV. Since September 2018 the fish are also checked for -and **proven to be free off**- *Edwardsiella ictaluri* and *Edwardsiella piscicida*. Recently also on *L. garviae* and ISKNV have been added to the diseases which are checked for.*

TEST	24-10-19	28-11-19	18-06-20	23-07-20	10-09-20	29-10-20													
Parasite check upon arrival	None	None	None	None	None	None													
General health (behavior, growth)	Good	Good	Good	Good	Good	Good													
General external check	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions													
General internal check	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions													
Bacteriology plating																			
- <i>S. agalactiae</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>S. iniae</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>F. noentunensis subsp orientalis</i>																			
- <i>Edwardsiella ictaluri</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>Edwardsiella piscicida</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>L. garviae</i>	Negative	Negative	Negative	Negative	Negative	Negative													
PCR analysis internal organs																			
- <i>S. agalactiae</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>S. iniae</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>F. noentunensis subsp orientalis</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>Edwardsiella ictaluri</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>Edwardsiella piscicida</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- <i>Tilapia Lake Virus (TiLV)</i>	Negative	Negative	Negative	Negative	Negative	Negative													
- ISKNV	Negative	Negative	Negative	Negative	Negative	Negative													



Wageningen Bioveterinary Research - Lelystad, part of Wageningen University & Research is an internationally renown knowledge institute in animal health. Moreover, for The Netherlands it is the official **National Reference Laboratory**.

Since 2012 (latest 01/2020), **Wageningen Bioveterinary Research - Lelystad** has tested Til-Aqua International fish for the following diseases:

ALL FISH WERE TESTED NEGATIVE FOR ALL MENTIONED ISSUES.

Bacterial infections:

- **Flavobacterium columnare**
- **Streptococcus spp.**

Viruses:

- EHNV
- IHNV
- VHSV
- SVCV
- OMV (HS-2)

Further details and full reports can be found at the [Til-Aqua International website](#) or to be supplied and explained upon request.