

**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 4 years, 30 batches of Til-Aqua International fish were tested and all tests were found negative for the diseases below.*

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
<b>Parasite check upon arrival</b>	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
<b>General health (behavior, growth)</b>	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
<b>General external check</b>	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
<b>General internal check</b>	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
<b>Bacteriology plating</b>																					
- <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
- <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
- <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
- <i>Edwardsiella ictaluri</i>											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
- <i>L. garviae</i>														Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
<b>PCR analysis internal organs</b>																					
- <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
- <i>S. iniae</i>					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
- <i>Edwardsiella ictaluri</i>											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
- <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
- <i>ISKNV</i>														Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative



**Dutch National Reference Laboratory**

**ALL FISH WERE REGULARY TESTED NEGATIVE FOR ALL MENTIONED ISSUES (last tests on 10-06-2021)**

**Bacterial infections:**

- *Flavobacterium columnare*
- *Streptococcus agalactiae* and *iniae*
- *Furunculosis (Aeromonas salmonicida salmonicida)*
- *Edwardsiella ictaluri* (ESC)

**Viruses:**

- VHSV
- IPNV
- VNN
- EUS

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TEST	24-10-19	28-11-19	18-06-20	23-07-20	10-09-20	29-10-20	03-12-2020	12-01-2021	26-04-2021	11-05-2021	15-06-2021									
Parasite check upon arrival	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									
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									
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									
<b>Bacteriology plating</b>																				
- <i>S. agalactiae</i>	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									
- <i>F. noentunensis subsp orientalis</i>																				
- <i>Edwardsiella ictaluri</i>	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									
- <i>L. garviae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative									
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- <i>S. agalactiae</i>	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									
- <i>F. noentunensis subsp orientalis</i>	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									
- <i>Edwardsiella piscicida</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative									
- <i>Flavobacterium columnare</i>							Negative	Negative	Negative	Negative	Negative									
- <i>Tilapia Lake Virus (TiLV)</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative									
- <i>ISKNV</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative									
- <i>RSIVD</i>									Negative	Negative	Negative									



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