

## COPEPOD EGGS (ACARTIA TONSA)

### Natural prey

Copepods are the natural prey organisms for marine fish larvae and are considered to be the ideal first feed also for cultured marine fish. They are easily digested and they are “tailored” to meet the fish larval nutritional requirements. Addition of copepods in the fish diet results in improved growth and quality, and increased survival and stress resistance.



Photo: Tora Bardal, NTNU



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### Substitute or supplement

Copepods can be used as a substitute for or supplement to artemia and rotifer diets. Addition of copepods serves as a “nutritional boost” that will have significant impact on the further growth pattern. The use of copepods enables cultivation of nutritionally demanding species, due to their superior properties.

### Delivery of eggs

We provide copepod eggs for easy in-house hatching. The copepod eggs can readily be hatched into small copepod nauplii that are “born” with a nutrition package and do not have to be enriched before feeding to the fish. If the desired size is larger than that of the newly hatched nauplii, they can be grown to larger sizes with the addition of microalgae. The copepod eggs are disinfected before storage and do not contain harmful bacteria or parasites.





Nutritional value

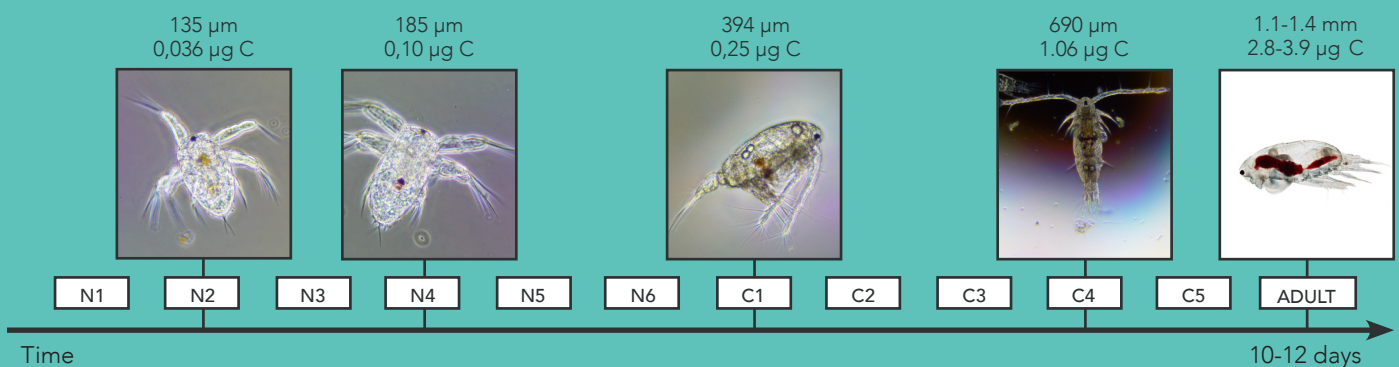
## PRODUCT SPECIFICATIONS

LIPIDS	N2	N4	C1	C4	Adult
Total lipids (% of dry weight)	10.4	8.3	13.5	9.9	10.7
Sum FA (g/100g dry weight)	5.2	4.0	7.9	5.1	5.1

FATTY ACIDS (% of total FA)	N2	N4	C1	C4	Adult
Saturated FA	21.9	22.1	22.9	21.7	23.4
Monounsaturated FA	4.8	3.8	5.7	6.4	7.1
Polyunsaturated FA	72.3	74.2	71.5	68.5	69.5
Total n-3	61.9	68.4	59.7	68.9	58.4
Total n-6	10.4	5.7	44.0	20.2	27.0
n-3/n-6 ratio	6.0	12.0	1.4	5.6	2.2

HUFAS (% of total FA)	N2	N4	C1	C4	Adult
DHA (22:6n3)	25.1	31.7	18.9	30.9	31.9
EPA (20:5n3)	14.3	19.3	10.7	13.3	11.6
ARA (20:4n6)	1.2	0.7	3.9	0.1	3.0
DHA/EPA	1.8	1.6	1.8	2.3	2.8
EPA/ARA	11.9	27.6	5.9	133	3.7

PROTEINS (g/100g dry weight)	67.8
Betaine (nmol/mg dry weight)	174.2
Taurine (nmol/mg dry weight)	61.6
Trimethylamine N-oxide (nmol/mg dry weight)	166.5



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