2) CLAIMS Original claims 1 – 26 (deleted) Add new claims 1 – 7

Amended Claims (Clean Copy):

I Claim,

1. A composition comprising of bacteria with Accession Number MCC0150, system and method, to improve productivity, health and Life expectancy of ornamental fishes and aquatic animals by negating the effects of stress, addressing starvation and improving water quality that eventually leads to all the benefits of a probiotic in stressful and optimal environments, characterized by:

   Reducing nitrates, nitrites and ammonia level in (96-240) hours and maintaining at low levels within the range of (0 - 5) ppm, reduction in the intervals at which water needs to be changed,

   DOA (Death on Arrival), DAA (Death After Arrival), DA7 (Death after 7 days of Arrival) calculated to be close to 0 %, represented in the range of (0 - 5)%,

   Composition that reduces the mortality, calculated to be close to 0%, represented in the range of (0–5)%, in aquariums, farms, prior and post transportation,

   Reduction in the amount of water required during transportation in comparison to currently followed protocols,

   Pre-treatment of aquatic animals greatly improving the survival of aquatic animals in stressful conditions even if the said composition is not added to their packaging,

   Easy scaling up procedures for manufacturing this product,

   Reduction in the time of acclimatization of the aquatic animals in new environment,

   Improved color, reduced level of aggression,

   Could be made an integral setup of the aquatic environment.

2. A composition as recited in Claim 1, wherein the composition comprises of the bacteria, Nutrient Broth media and dehydrated Nutrient Broth powder as an additive.
3. A composition as recited in Claim 2, wherein the bacteria is with Accession Number MCC0150.
4. A method to prepare composition as recited in Claim 2, wherein the bacteria is incubated in the range of 24 to 168 hours in Nutrient Broth medium.
5. A method to prepare composition as recited in Claim 2, wherein 1 ml of bacteria suspension is taken, to which 0.009 to 0.020 gm of dehydrated Nutrient Broth is added.
6. A method to prepare composition as recited in Claim 2, wherein (1-5) ml of the composition is used for 1 litre of water.
7. A system as recited in Claim 1, to address the nitrates, nitrites and ammonia levels.

Thank you,

Best Regards,

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