



**Accession Number: - Z00034**

**Scientific Name: -*Danio rerio***

**Family: Cyprinidae**

**Common Name: Zebrafish**

**Physical Characteristics:**

Elongated and streamlined body, having a short forked tail fin and a pointed snout. A characteristic pattern of horizontal stripes running along their sides. They typically have a silver- or gold-coloured body with blue



stripes, though colour variations occur due to selective breeding. They have transparent embryos, making them ideal for scientific research.

**Geographical Distribution**

Zebrafish are native to the streams, rivers, and rice paddies of South Asia, particularly in countries such as India, Bangladesh, Nepal, Bhutan, and Myanmar.

**Economic Importance:**

It is an economically important fish species valued for its contributions to scientific research, particularly in developmental biology and genetics, as well as its popularity in the aquarium trade. Due to its attractive colouration and hardy nature, it has been used as a model organism in research, leading to significant advances across various fields and making it one of the most widely studied fish species worldwide.