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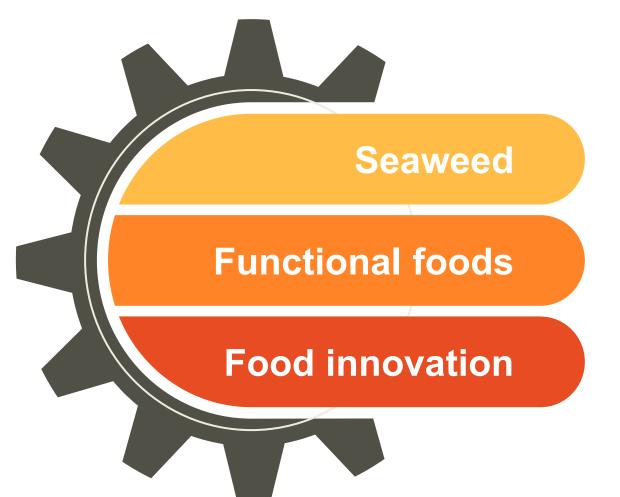


MICROBIOLOGICAL EVALUATION OF SEAWEED-ENRICHED MEATBALLS AS A STRATEGY TO ENHANCE IODINE INTAKE

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lodine deficiency continues to affect populations globally, and **seaweed** has emerged as natural, sustainable source of this essential micronutrient.

Foods that have a **beneficial effect** on one or more target functions in the body, beyond basic nutritional effects, thereby **improving health** and/or **reducing disease risk**

The incorporation of seaweed into conventional food products, such as **meatballs**, represents a **promising strategy to develop functional foods** with enhanced nutritional profiles and health benefits.

The objective of this work was to **develop a potential functional food product**, meatballs enriched with edible seaweed (*Undaria pinnatifida* and *Himanthalia elongata*), aimed at **improving iodine intake**, and to **assess its microbiological quality** according to current food safety standards.



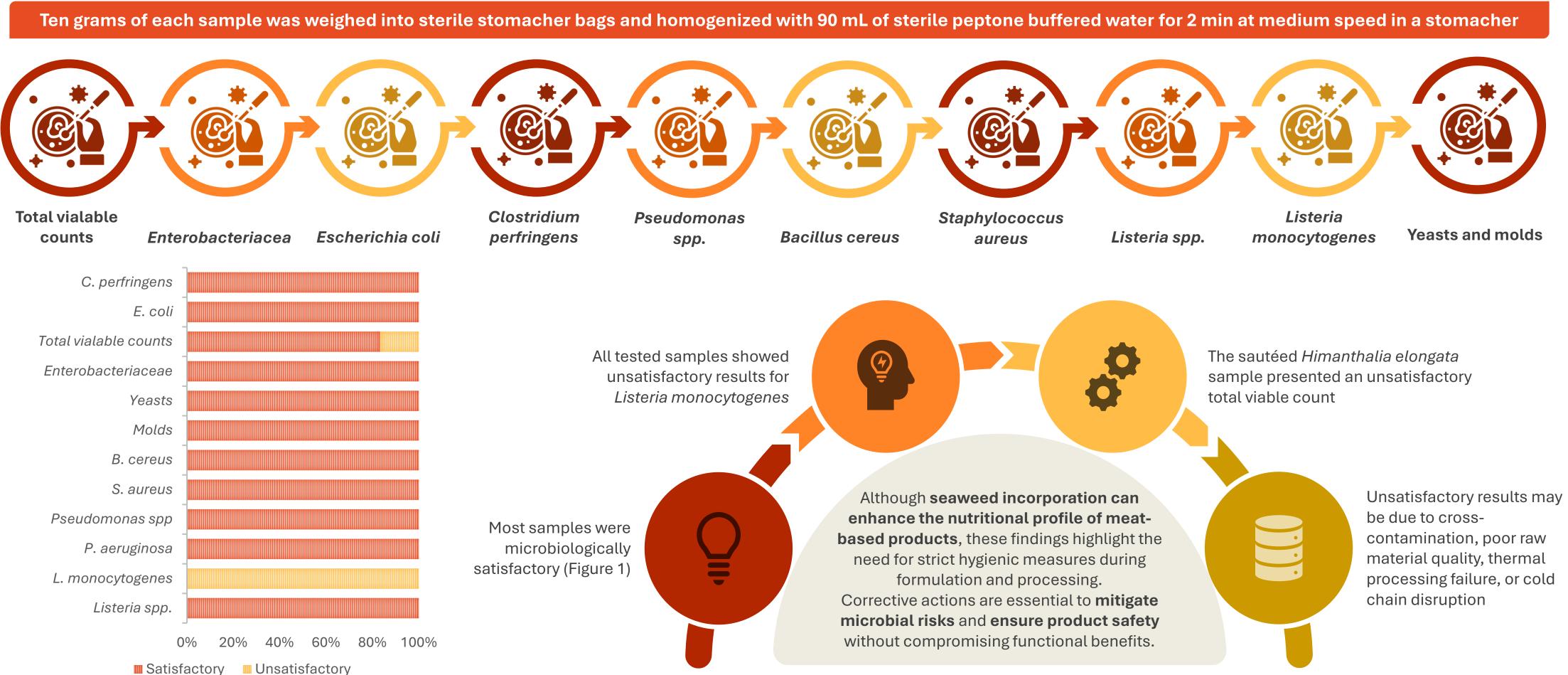


Figure 1. Global results of microbiological evaluation in meatballs samples.















