

# Eliminating Poisonous Substances in Food using Advance Technology

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**Abstract:** *In our modern world, ensuring the safety of our food supply is of paramount importance. The emergence of various technologies has presented innovative solutions to the age-old problem of eliminating poisonous substances in our food. This abstract explores the multifaceted approach to enhancing food safety with advanced technology. It delves into various methods, from advanced testing techniques to genetic engineering, nanotechnology, and smart packaging. Furthermore, it highlights the challenges involved in adopting these technologies and offers insights into regulatory and environmental concerns. As food safety remains a critical concern in a globalized food supply chain, the goal is to provide a comprehensive understanding of the topic, emphasizing the importance of safeguarding the quality and safety of the food we consume through the application of cutting-edge technology. This abstract underscores the urgent need for research, collaboration, and continued innovation to overcome the evolving challenges associated with food safety in an interconnected world.*

**Keywords:** Poisonous, substance, food, safety, advance, technology, Toxins