

## Functionality of Edible Coating in Food Product

Dr. Maryam Mohammed Al-Ghazali

*Food Science specialist / TopOne Spa, Oman***\*Corresponding author****Dr. Maryam Mohammed Al-Ghazali,**Food Science specialist  
Sultan Qaboos University  
Oman

Submitted : 27 Mar 2025; Published : 3 Apr 2025

**Citation:** Maryam Mohammed Al-Ghazali (2025). Functionality of Edible Coating in Food Product. *J N food sci tech*, 6(2):1-1. DOI : <https://doi.org/10.47485/2834-7854.1048>**Abstract**

The edible coating is a solution to improve the quality and shelf life of fresh produce ranging from meat, poultry, fish, and dairy products to post-harvest fresh fruits and vegetables. Edible coating/s and film/s reduce packaging waste, prevent the incorporation of chemical preservatives, and result in a minimally-processed natural fresh product with an extended shelf life. The aim of this study is to check the quality of different type of coating in food product, fruits and vegetables, by novel method, samples were collected fruit, vegetables Result showed that gum Arabic and chistone the best type to be coated in fruit and vegetables because its help to improve the color Reduction of weight loss ,Maintenance of quality during distribution and storage condition, Reduction of storage condition Improvement of consumer demand, Extension of shelf life and Reduction of artificial packaging.

**Keywords:** Coating, Sheilf life**Biography**

Maryam has completed her Professional and honorary doctorate (PHD) in food safety and health from the Oxford College of International Studies, United Kingdom, 23.12 2024.(2021-2024) and Master Degree at the age of 26 years from Sultan Qaboos University, Oman. she is the head of Microbiology lab at Al Joudah Food Tech Lab, Oman and asset manager at TopOne Spashe has over 5 publications that have been cited over 2000 times, she has been participated in many conference, journal and others workshops 2013-2025.

**Dr. Maryam Mohammed Al-Ghazali**Email ID : [alghazali.d@yahoo.com](mailto:alghazali.d@yahoo.com)

Mobile Number\*: 00968 96664202

**Copyright:** ©2025. Maryam Mohammed Al-Ghazali. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.