

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA
UNSTARRED QUESTION NO.3607
TO BE ANSWERED ON 13TH MARCH, 2026**

ANALYSIS OF FOOD SAMPLES

3607. SHRI RAO RAJENDRA SINGH:

Will the **Minister of HEALTH AND FAMILY WELFARE** be pleased to state:

(a) whether the Government has considered, including representatives from the Ministry of Statistics and Programme Implementation and the Food Safety and Standards Authority of India (FSSAI), in view of the role of statistical methods, quality control and error minimisation in the Authority's regulatory and sampling activities, if so, the details thereof;

(b) whether experts and professors from premier academic and research institutions such as the Indian Statistical Institute (ISI), University of Delhi (DU) and Indian Institute of Technology (IIT), Kanpur are engaged by FSSAI in the process of collection and analysis of food samples to ensure the adoption of scientifically robust methodologies;

(c) if so, the details thereof and if not, the reasons therefor; and

(d) whether the Government proposes to take measures in this regard to strengthen the scientific and statistical foundations of food safety regulation in the country and if so, the details thereof?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY
WELFARE
(SHRI PRATAPRAO JADHAV)**

(a) to (d): Food Safety and Standards Authority of India (FSSAI) is mandated to lay down science based standards for articles of food and to regulate their manufacture, storage, distribution, sale and import to ensure availability of safe and wholesome food for human consumption. The implementation and enforcement of the Food Safety and Standards (FSS) Act, 2006 is a shared responsibility between the Central and State Governments.

FSSAI has notified the Food Safety and Standards (Laboratory and Sample Analysis) Regulations, 2011, which specifies the provisions for food sampling.

FSSAI has published a comprehensive set of resources to support food safety and analysis, including 17 Manuals on Methods of Analysis for various food commodities and two (02) General Guidelines on Sampling. These documents provide standardized procedures to ensure consistency, reliability, and scientific robustness in food sampling and testing. These manuals are recommended by the Scientific Panel on Methods of Sampling and Analysis which constitutes the experts from renowned institutions such as Indian Institute(s) of Technology (IITs), Indian Council of Agricultural Research (ICAR)-National Research Centre for Grapes, Council of Scientific & Industrial Research (CSIR) - Central Institute of Medicinal and Aromatic Plants, CSIR Indian Institute of Chemical Technology, National Dairy Development Board etc.
