

File No. 11014/07/2021-QA  
**Food Safety and Standards Authority of India**  
(A statutory Authority established under the Food Safety and Standards Act, 2006)  
(Quality Assurance Division)  
**FDA Bhawan, Kotla Road, New Delhi – 110002**

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Dated, the 20<sup>th</sup> August, 2024

**Order**

**Subject: Test method for detection of *E. coli* O157 - reg.**

The method IS 14397:1996 Detection, Isolation and Identification of pathogenic *E. coli* in food, specified for *E. coli* O157 and Vero or Shiga toxin producing *E. coli* under Appendix B of FSS (Food Products Standards and Food Additives) Regulations, 2011, has been withdrawn by BIS. The same is to be replaced by **ISO 16654:2001(including Amd 1:2017 and Amd 2:2023)** Microbiology of food and animal feeding stuffs - Horizontal method for the detection of *Escherichia coli* O157.

2. This method shall be used by the laboratories in replacement of IS 14397:1996 in their accredited scope. The laboratories which have not included the updated method in the current accreditation cycle, shall include the ISO 16654:2001(including Amd 1:2017 and Amd 2:2023) in their respective scope of accreditation within six months from the date of issue of this order.
3. The method will be incorporated in the “Manual on Methods of analysis- Microbiological examination of food and water” and will be released shortly.
4. This issues with the approval of Competent Authority.

(Dr. Satyen Kumar Panda)  
Advisor (QA)

To:

1. All FSSAI Notified Laboratories
2. All State Food Testing Laboratories
3. CEO, National Accreditation Board for Testing and Calibration Laboratories (NABL)