Meat Species Identification Laboratory (MSIL)

(ISO/IEC 17025:2005 NABL Accredited FSSAI Referral laboratory)

- Species Identification of Meat & Meat Products
- Sex Identification of Meat
- Wild life meat species identification
- Multiple species identification from meat products

ICAR - NATIONAL RESEARCH CENTRE ON MEAT

ICAR
Do’s & Don’ts
while collecting and forwarding meat samples for species identification to MSIL

※ The most preferred sample type for meat species identification through DNA analysis is raw meat, however cooked meat, processed meat and meat products, unidentified tissues or organs may also be forwarded to MSIL for analysis of species origin of sample. Sex Origin of samples may also be identified on customer request.

※ Samples should be collected only by authorised persons with some basic knowledge to preserve the integrity of DNA in samples collected. So, representative samples from the site should be collected and preserved as soon as possible.

※ Samples can be preserved by storing at low temperature, fixing in 0.85% normal saline (sodium chloride) or by completely covering with common salt. (Most preferred storage)

※ Only 50-100 g of representative sample in case of raw/cooked meat and one intact meat product or any samples as much as possible to extract DNA with sufficient quality and quantity can be forwarded to MSIL.

※ All relevant information pertaining to sample like, type of sample, date and place of sample collection, supervision of sampling done by, handling and storage history of sample collected, along with complete contact address of forwarding authority must accompany each sample forwarding to MSIL.

※ Each sample should accompany a signed FORWARDING LETTER, from the forwarding authority (https://nrcmeat.icar.gov.in)

※ In case of samples submitting directly by person, personal identification details of sample carrying person has to be submitted to MSIL.

※ The fee for species identification is Rs. 10,000/- per sample, and for duplicate or multiple samples, additional amount has to be paid in multiples of 10,000/- depending on total number of samples. There is no extra tax in the fee for sample analysis.

※ The fee can be submitted as DD, Bankers cheque, Cheque, Net banking like NEFT/RTGS or even direct payment as cash. Address for DD/Bankers cheque/Cheque is DIRECTOR, ICAR-NATIONAL RESEARCH CENTRE ON MEAT, CHENGICHERLA, HYDERABAD-92.


※ The sample analysis result shall be submitted to customer in ONE MONTH, and samples shall be stored for a maximum of Two Years to facilitate any retesting request from the customer, from the date of sample receipt.

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Meat Species Identification Laboratory  
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Address for sending the samples for species identification  
The Director  
ICAR-National Research Centre on Meat  
Chengicherla, Boduppal (PO), Hyderabad-92, Telangana.  
Telephone: 040-29801672/73, Fax: 040-29804259  
Email: nrcmeat_director@yahoo.co.in | Website: https://nrcmeat.icar.gov.in

Note: Please don’t use formalin for preserving and storing the sample intended for species identification using DNA-based techniques.
SAMPLE RECEIPT PRO FORMA

Meat Species Identification Laboratory (MSIL)

ICAR-National Research Centre on Meat, Chengicherla, Hyderabad-92, Telangana, India

(Telephone: 040-29801672/73/74; Fax no: 040-29804259;
Email: nrcmeat_director@yahoo.co.in)

1. Date:

2. Sample Number:

3. Description of sample (like raw meat, cooked meat, meat products etc.):

4. Date of sample collection:

5. Location from where the sample is collected:

6. Reason for sample collection (like legal/forensic or quality control enforcement):

7. Supervision of sampling was done by (like veterinarian, FSO etc.):

8. Storage and transportation history of sample:

9. Sample forwarding authority (departments like police, forest, FSSAI, EIC, customs etc.):

10. Complete address of forwarding authority:

11. Secondary contact details of forwarding authority:

12. Personal identification of sample accompanying person (in case of direct submission):

13. Number of samples:

14. Amount to be paid:

15. Request for test:

16. Payment done through and payment details (all relevant details):

17. Sample review and status of review (at MSIL, ICAR-NRC on Meat):

18. Signature of competent authority (at MSIL, ICAR-NRC on Meat):

Address for sending the samples for species identification

(Quality Manager; Meat Species Identification Laboratory; ICAR-National Research Centre on Meat; Chengicherla, Boduppal (PO); Hyderabad-92, Telangana.)