



AMMAGENOMICS

Accurate Molecular Mutation Analytical Genomics

FOOD TESTING LABORATORY



2794 260125

TEST REPORT

Sample Name : COW URINE **AMGCS/FD/** : 2794 260125
Job No : 2794 **Sample Received on** : 26/01/2025 11:33:28
Batch No : N/A **Analysis Commenced on** : 26/01/2025 11:33:28
Sample Described By the Customer : Mr. T. Navaneetha Krishnan **Reported on** : 09/02/2025 17:15:00
Name & Address of the Customer : No. 25, Vellipalayam Road **Sample Drawn By** : Customer
Mettupalayam 641301 **Printed** : 09/02/2025 17:15:08
ULR No. : TC127262400000054F

Cow Urine Microbial Analysis

Test	Result	Unit	Reference Range	Method
Sample Type	: Cow Urine			

Firmicutes and Bacteroidetes Dysbiosis:

Bacterial Name	%	Normal Range	Remarks
Firmicutes	99.85	>80%	Healthy Bacteria
Bacteroidetes	0.15	<40%	Opportunistic pathogen

Bacterial Dysbiosis:

Bacterial Name	%	Normal Range	Remarks
Lactobacillus	84.91	>75%	Healthy Bacteria
Bifidobacterium	14.68	>1%	Healthy Bacteria
E.coli	0.41	<0.01	Pathogenic Bacteria
Campylobacter	0	<0.01	Pathogenic Bacteria
S.Aureus B	0	<0.01	Pathogenic Bacteria

Fungal Dysbiosis:

Fungal Name	Result	Normal Range	Remarks
Candida Albicans	Not Detected	Copies/ μ Not Detected	Pathogenic Fungus
Aspergillus	Not Detected	Copies/ μ Not Detected	Pathogenic Fungus



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No:1/87, Arcot Road Virugambakkam,
Chennai-600 092, Ph:044 -35607780

**Sample has been collected outside the laboratory. The results pertain to the sample received.

AMMAGENOMICS LLP, 1/87, Arcot Road, Saligramam, Chennai-600 093.

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GSTIN. 33ABTFA5291K1ZY



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Method	Instrument Name
AMGCS/MOLBIO/FD/SOP001	BioRad CFX96 Touch Real-Time PCR System

Result Interpretation:

- "**Detected**" signifies the presence of DNA from the designated organism within the sample. measured in Copies/mL.
- "**Not Detected**" signifies the absence of DNA from the designated organism within the sample.

Notes:

- Healthy** - anti-aging effects such as aiding digestion and absorption, and stimulating immunity.
- Pathogenic** - that cause disease in humans or other organisms.
- Opportunistic** - that normally would not cause infections in otherwise healthy people but are able to cause infection under certain circumstances.

Reference:

Jadhav, A., Kanjirath, P., & Chavan, P. (2021). Microbial community structure and antimicrobial activity of cow urine: Insights from metagenomic and PCR-based profiling. *Journal of Dairy Science and Technology*, 44(5), 601-615.

(Collected At: 26/01/2025 11:33:28, Received At: 26/01/2025 11:33:28, Reported At: 09/02/2025 17:15:00)

----- End Of Report -----

Dr. Pradheep Chhalliyil
Ph.D Biochemistry
Lab Director



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