



AMMAGENOMICS

Accurate Molecular Mutation Analytical Genomics

FOOD TESTING LABORATORY



2792 260125

TEST REPORT

Sample Name : PANCHAKAVYA SAMPLE-1
Job No : 2792
Batch No : N/A
Sample Described By the Customer : Mr. T. Navaneetha Krishnan
Name & Address of the Customer : No. 25, Vellipalayam Road
Mettupalayam 641301
ULR No. : TC12726240000052F

AMGCS/FD/ : 2792 260125
Sample Received on : 26/01/2025 10:59:17
Analysis Commenced on : 26/01/2025 10:59:17
Reported on : 06/02/2025 18:05:51
Sample Drawn By : Customer
Printed : 08/02/2025 12:35:15

Panchagavya Microbial Analysis

Test : **Result** : **Unit** : **Biological Ref. Range**
Sample Type : Panchagavya Sample

Firmicutes and Bacteroidetes Dysbiosis:

Bacterial Name	%	Normal Range	Remarks
Firmicutes	99.20	>80%	Healthy Bacteria
Bacteroidetes	0.80	<40%	Opportunistic pathogen

Bacterial Dysbiosis:

Bacterial Name	%	Normal Range	Remarks
Lactobacillus	99.73	>75%	Healthy Bacteria
Bifidobacterium	0	>1%	Healthy Bacteria
E.coli	0	<0.01	Pathogenic Bacteria
Campylobacter	0.07	<0.01	Pathogenic Bacteria
S.Aureus B	0	<0.01	Pathogenic Bacteria

Fungal Dysbiosis:

Fungal Name	%	Normal Range	Remarks
Candida Albicans	Detected (180)	Not Detected	Pathogenic Fungus
Aspergillus	0	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.
- **"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:

Nagarajan D, Rajarathnam M. Bacterial Community Structure of Panchagavya, a Fermented Liquid Bio-manure, as Revealed by High-Throughput Sequencing of 16S rRNA Gene Amplicons. Microbiol Resour Announc. 2022 Feb 17;11(2):e0094121. doi: 10.1128/mra.00941-21. Epub 2022 Feb 3. PMID: 35112908; PMCID: PMC8812305.

(Collected At: 26/01/2025 10:59:17, Received At: 26/01/2025 10:59:17, Reported At: 06/02/2025 18:05:51)

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

Dr. Pradheep Chhalliyil
Ph.D Biochemistry
Lab Director



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