

## Chilli fed with Jiva Water

### EQUINOX TEST REPORT

**Report Issue date** : 15-Mar-23

Reference Number : EQNX:001:LAB: F:23:03:00783

**INFORMATION PROVIDED BY CUSTOMER**

Client Name : 4th Phase Water Technologies Pvt Ltd      Sampling Location : Ground Floor, Office  
 Address : 12/2, 2nd Main Road, Below State Bank of India, 7th Block, Jaynagar, Bengaluru, Karnataka, India - 560070      Sample Description : Red Chilli Product - B  
 Contact Person : Shaji Zacharias / Mr Charan

**PARTICULARS OF SAMPLE ANALYSED**

Sampling Protocol : NA      Date of Sampling : NA  
 Date of Receipt : 3-Mar-23  
 Sample Drawn By : Client      Date of Start of Analysis : 3-Mar-23  
 Sample Quantity & Condition : Approx 50g of sample in a client packaging is intact without any leaks or breaks.      Date of End of Analysis : 14-Mar-23

**RESULTS OF ANALYSIS**

**Discipline:** Chemical

**Group:** Food and Agriculture Products

Sr. No.	Parameters	Units	Methods	Results of Analysis
1	Brix	°Brix	By FSSAI Manual For Fruits & Vegetables (1.6) 2016	<1.0
2	Average weight	g	By Calculation	3.82
3	Average Size	g	Measurement	12.7
4	Colour Value	g	By FSSAI Manual For Spices & condiments (26.0) 2016	12.53
5	Heat Value	SHU	By HPLC	25183
6	Capsaicin	%	By HPLC	0.16

  
 Quality Manager  
 (Authorised Signatory)  
 Mrs Manisha Kharade

- Note:
1. This report is valid for the tested sample only.
  2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited
  3. This report should not be used for advertisement / judicial purpose.
  4. The samples has been provided by the customer and results applied to the sample as received by the lab.
  5. The information provided by customer can affect the validity of results.

**Your Testing and Auditing Partner**

## Chilli fed with Normal Water

### EQUINOX TEST REPORT

**Report Issue date** : 15-Mar-23

Reference Number : EQNX:001:LAB: F:23:03:00782

**INFORMATION PROVIDED BY CUSTOMER**

Client Name : 4th Phase Water Technologies Pvt Ltd      Sampling Location : Ground Floor, Office  
 Address : 12/2, 2nd Main Road, Below State Bank of India, 7th Block, Jaynagar, Bengaluru, Karnataka, India - 560070      Sample Description : Red Chilli Product - A  
 Contact Person : Shaji Zacharias / Mr Charan

**PARTICULARS OF SAMPLE ANALYSED**

Sampling Protocol : NA      Date of Sampling : NA  
 Date of Receipt : 3-Mar-23  
 Sample Drawn By : Client      Date of Start of Analysis : 3-Mar-23  
 Sample Quantity & Condition : Approx 50g of sample in a client packaging is intact without any leaks or breaks.      Date of End of Analysis : 14-Mar-23

**RESULTS OF ANALYSIS**

**Discipline:** Chemical

**Group:** Food and Agriculture Products

Sr. No.	Parameters	Units	Methods	Results of Analysis
1	Brix	°Brix	By FSSAI Manual For Fruits & Vegetables (1.6) 2016	<1.0
2	Average weight	g	By Calculation	2.89
3	Average Size	g	Measurement	11.2
4	Colour Value	g	By FSSAI Manual For Spices & condiments (26.0) 2016	11.73
5	Heat Value	SHU	By HPLC	19447
6	Capsaicin	%	By HPLC	0.12

  
 Quality Manager  
 (Authorised Signatory)  
 Mrs Manisha Kharade

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**Your Testing and Auditing Partner**

## Report on Turmeric



### INDFRAG BIOSCIENCES


#### TURMERIC RHIZOME SCREENING REPORT

Screening of turmeric rhizomes for curcumin and essential oil is carried out and the observations are as follows. The Jiva turmeric is richer in colour and content than the Non Jiva Turmeric.

Name	Total Curcuminoids	Essential oil
Jiva Turmeric	0.85 %	1.5%
Non Jiva Turmeric	0.57%	0.55%

**For Indfrag Biosciences Pvt. Limited**

**Authorized signatory**

  
**Name** : Dr.V.Saravana Kumar  
**Designation** : GM -QC  
**Date** : 04 June, 2022



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## Report on Paddy

# National Agro Foundation Illedu, Tamil Nadu, June 2022

A study on Paddy Seeraga Samba variety was conducted at campus to understand the effect of Jiva Water on the yeild, crop characteristics and economics.

The effect of study on structured characteristics, yeild and economics have been realised with good results for water in terms of crop Jiva Water vs Normal Water.

Special call outs are the increase in yeild by 27% by using Jiva Water. Significant benefits seems with respect to Benefit to Cost Ratio.

Indeed the concept **Increased Cell Hydration** leading to increased crop characteristics and yeild was witnessed in the study.

Crop Seeraga Samba Paddy	Regular Water	JIVA Water	%age change observed after using Jiva Water
Age	50 days	50 days	
Stem height from root (cms)	50	80	60% ↑
Total height from root (cms)	65	105	62% ↑
Root growth & length (cms)	15	25	67% ↑
Average numbers of stems	12	30	150% ↑