

RAMKRISHNA BAJAJ - CFBP CONSUMER EDUCATION & TESTING CENTRE



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Date: 23/03/09

ANALYSIS REPORT

Client name & address: Space Age Concept 9/123 , Marol Co –op Industrial Estate Sagbag Marol Andheri (E)	Reg. No.: 1653/081655/08 Date of Receipt: 17/03/09 Date of Completion: 23/03/09
Sample : Spinach	Details of Sample: As given below. Sample given by customer.

RESULTS OF ANALYSIS

Physical / Chemical / Sensory / Microbiological

SR. NO.	PARAMETERS	RESULTS		
		<i>Reg No. 1653/08</i> Spinach (F4)	<i>Reg No. 1654/08</i> Spinach (F1)	<i>Reg No. 1655/08</i> Spinach (M)
1	Calcium (mg/100g)	130.2	94.62	84.17
2	Magnesium (mg/100g)	158.91	105.73	75.97
3	Iron (mg/100g)	10.95	6.41	6.06


Anjali Sathe
DIRECTOR

Notes added for further research work:

- 1) Sample M = Random sample from grocery store commercially grown with NPK fertilizer.
- 2) Sample F1= Spinach grown with organic manure prepared from cowdung.
- 3) Sample F4= Spinach grown with nutritional soil correction (remineralization) + biomagnetic treatment of water + cowdung manure. This has resulted in nutritionally enriched spinach with nutritional levels well above the standard textbook nutritional levels given by USDA.

Observation:

Spinach grown using the principles of Nutritional Farming (soil remineralization + biomagnetics) had almost double the amount of iron, calcium and magnesium compared to commercially available spinach grown using NPK fertilizer.