

Pasta from Leaf Protein Concentrate of Green Leafy Vegetables

Salient features

- Extraction of leaf protein from *Diplazium esculentum* using ultrasound
- Improvement in physicochemical properties of Leaf Protein Concentrate (LPC) by sonication.
- No cytotoxicity of the Leaf Protein Concentrate
- Use of Leaf Protein Concentrate for the preparation of pasta.
- Storage up to 3 months did not significantly affect the sensory evaluation and cooking quality.
- Protein enriched pasta samples stored for 3 months were safe to consume even from microbiological point of view.

Advantages

- ✓ Value addition of leaf protein concentrate of green leafy vegetables.



Process Technology / product developed by

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More information**Status of commercialization / Patent / Publication**

- Saha, J., Biswal, A.K. and Deka, S.C. 2015. Chemical composition of some underutilized green leafy vegetables of Sonitpur district of Assam, India. *International Food Research Journal*, 22(4): 1466-1473.
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