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Patent Search

Invention Title	A COMPOSITION FOR REDUCING ACRIDITY IN EDIBLE AROID CORMS AND A METHOD OF PREPARING EDIBLE AROID CORMS WITH REDUCED ACRIDITY
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Abstract:

ABSTRACT A COMPOSITION FOR REDUCING ACRIDITY IN EDIBLE AROID CORMS AND A METHOD OF PREPARING EDIBLE AROID CORMS WITH REDUCED ACRIDITY Provis a composition for reducing acidity in edible aroid corms and a method of preparing edible aroid corms with reduced acidity. The composition and method thereof advantageously provide ready-to-cook aroid corms or corm pieces free from antinutritional factors such as acidity, oxalates, and trypsin inhibitor. (Fig. 3B for publica

Complete Specification

Claims:We Claim:

1. A composition for reducing acidity in edible aroid corms comprising 6-12 % (w/v) sodium chloride and 0.5-1.5 % (w/v) phosphoric acid in water.
2. The composition as claimed in claim 1, wherein has a pH of 1.14 to 1.47.
3. The composition as claimed in claim 1, wherein the ratio of sodium chloride to phosphoric acid is in a range of from 4:1 to 24:1 (w/w).
4. The composition as claimed in claim 1, wherein the phosphoric acid is 85% phosphoric acid.
5. A method of preparing edible aroid corms with reduced acidity comprising:
 - a. preparing a composition comprising 6-12 % (w/v) sodium chloride and 0.5-1.5 % (w/v) phosphoric acid in water;
 - b. heating the composition to a temperature of about 60°C to 65°C;
 - c. adding edible aroid corms or corm pieces in said composition at 60°C to 65°C; and
 - d. steeping said corm pieces for 12 hours to 48 hours.
6. The method as claimed in claim 5, comprises draining the steeped corms or corm pieces from the composition.
7. The method as claimed in claim 5, wherein the aroid corms are peeled and cut into cubes before steeping.
8. The method as claimed in claims 5 to 7, wherein the steeping of the corm pieces in said composition reduces 85% to 87% acidity in steeped corms or

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