

## CLAIMS

1. A composition of instant iron-fortified rice kernels, comprising:

95-99 wt% rice flour;

0.1-1.0 wt% iron premix rice powder;

5 0.1-1.0 wt% vegetable oil;

0.1-1.0 wt% gum arabic;

0.01-0.1% citric acid; and

water (q.s.),

wherein the iron source in the iron premix rice powder is micronized dispersible

10 ferric pyrophosphate.

2. The composition of instant iron-fortified rice kernels according to claim 1, wherein the said ready-to-cook rice-shaped kernel moisture content is 7 – 9%.

3. The composition of ready-to-cook rice-shaped kernel according to claim 1, wherein the said ready-to-cook rice-shaped kernel water activity is 0.30 – 0.50.

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