

RICEMAGNESIUM



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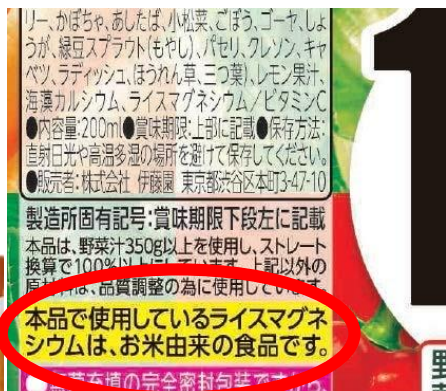
Natural magnesium of plant origin



- Magnesium phosphate of rice origin
(magnesium : more than 12.0%)
- Soluble in acidic solution
- Tasteless and odorless

RICEMAGNESIUM -application

For vegetable juice



For supplement

AFC

妊娠中・妊娠を計画している女性に人気 /

新しい“家族”の
スタートを応援します

2018
モンドセレクション
最高金賞受賞

8年連続
葉酸の口コミ件数
NO.1

日本人の食事摂取基準を参考にリニューアル
mitete 女性100人の声から生まれた
葉酸サプリ 30日分(1日4粒目安)



カルシウム200mg
鉄10mg
8種のビタミン
4種のミネラル
(4粒中)

RICEMAGNESIUM -properties

Specification

Composition	Content
Magnesium	More than 12.0%
Total Phosphor	More than 20.0%
Heavy Metals	Not more than 25ppm
Arsenic	Not more than 3ppm

Solubility

Solution: 1.0% Citric Acid solution

Rice Magnesium (%)	pH (after dissolution)
0%	2.19
0.1%	2.28
0.2%	2.51

RICEMAGNESIUM –functional evaluation

Animal test was conducted to evaluate **magnesium supply function** of Ricemagnesium.



Purpose to monitor:

- ✓ **Function of magnesium supply function comparing with other materials of magnesium.**
- ✓ **Possibility of growth inhibition by intake of Ricemagnesium.**

RICEMAGNESIUM –functional evaluation

Test Method

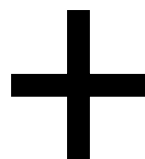
Subject Animal: Wister Rat (4 weeks old, male)



Test Group:



Magnesium Deficient Diet
(AIN-93)

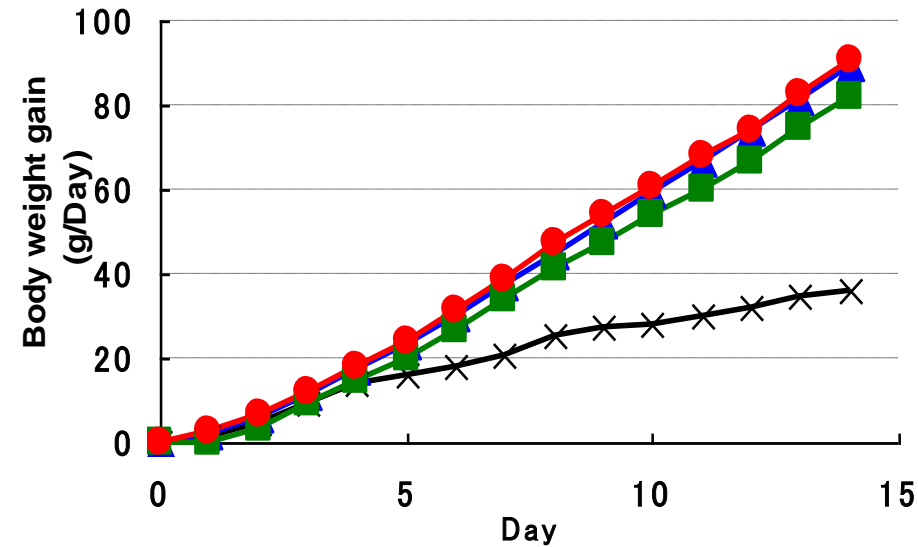


- **Non-Additive**
- **Magnesium oxide***
- **Magnesium phosphate***
- **Ricemagnesium***

*The dosage was adjusted to make the magnesium content of feed equal (500mg/kg) among 3 samples.

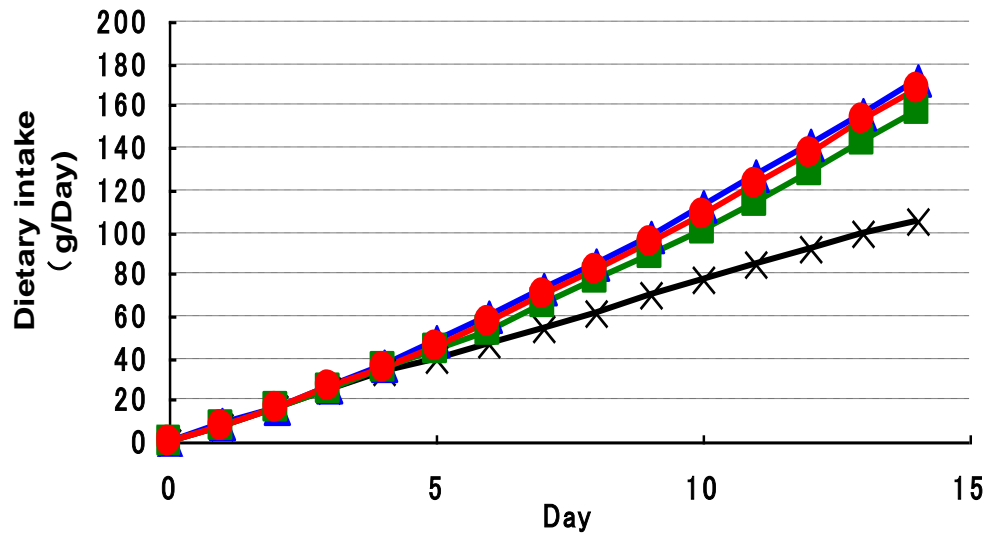
RICEMAGNESIUM –functional evaluation

Effect on Rat Growth



× Mg deficient ▲ Mg Oxide
■ Mg phosphate ● Rice Mg

Body weight gain

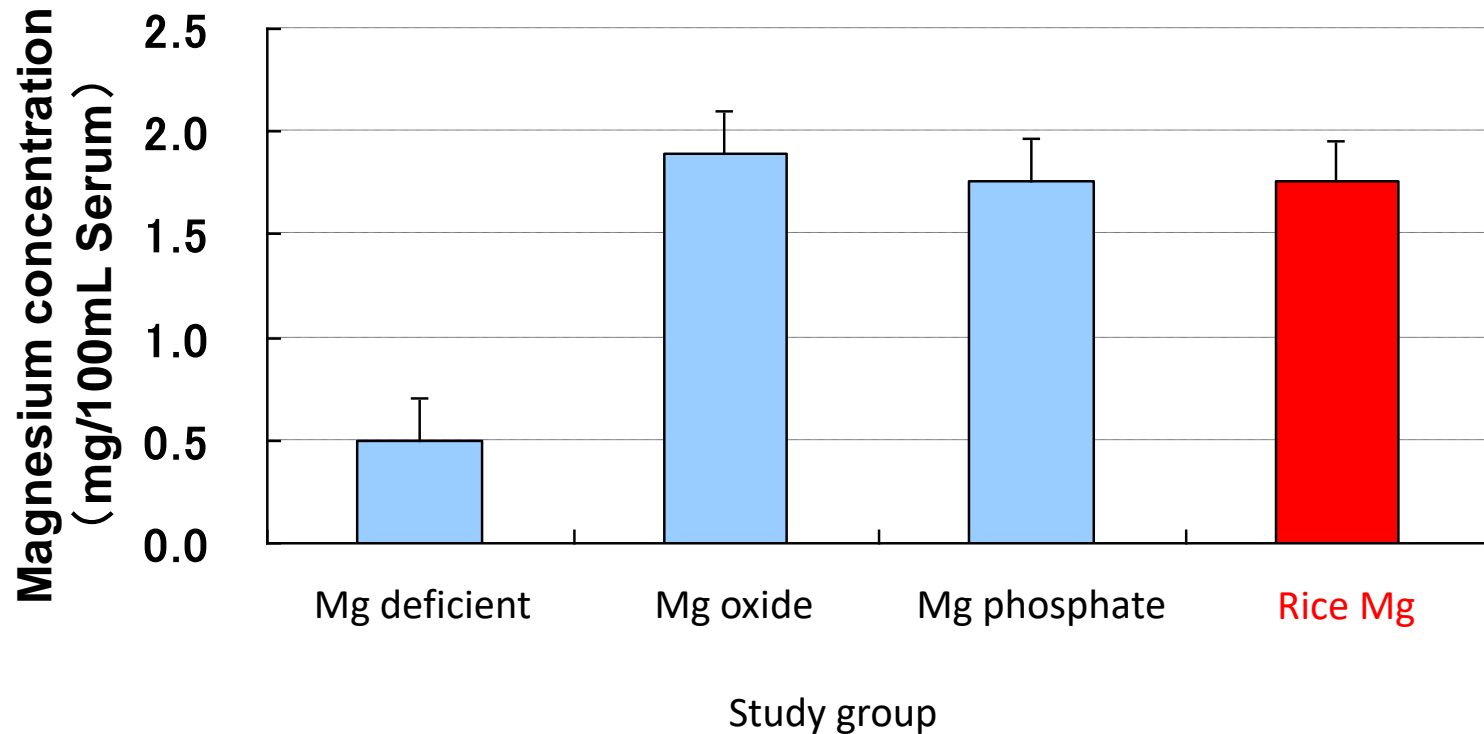


× Mg deficient ▲ Mg Oxide
■ Mg phosphate ● Rice Mg

Dietary intake

Ricemagnesium does not cause growth inhibition.

Magnesium Supply Function



Magnesium Concentration in Serum

Ricemagnesium has a magnesium supply function as well as other kinds of magnesium source.