



# Delphinol<sup>®</sup> with ChromoPrecise<sup>®</sup>

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*A novel combination*

*Double Action*

## **Market Application**

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*Double Action for  
Blood Sugar Management*



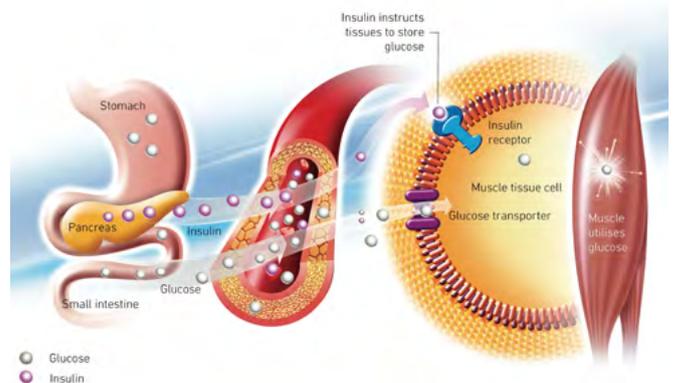
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## GLUCOSE, AN ESSENTIAL BALANCING ACT

Glucose is a crucial source of energy for our body, however blood glucose levels rising too high after meals are detrimental to our health. There are many health conditions associated with high blood sugar, especially involving the cardiovascular system.

### GLUCOSE METABOLISM PRINCIPLE

Starchy and pure sugar food consumption liberates glucose in the small intestine which is then absorbed into the bloodstream. Meanwhile, insulin is released into the bloodstream, instructing cells to absorb the available glucose. Glucose provides energy to cells, which is important for cells proper functionality.

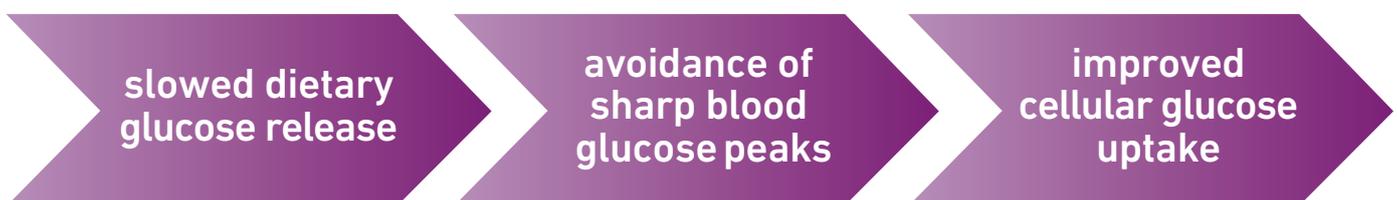


## Delphinol<sup>®</sup> with ChromoPrecise<sup>®</sup>

Delphinol<sup>®</sup> with ChromoPrecise<sup>®</sup> is the world's first double-action, natural supplement solution for blood sugar management. The combination of both active ingredients works together to maintain well balanced blood sugar levels.

### DELPHINOL<sup>®</sup> – CHROMOPRECISE<sup>®</sup> MECHANISM OF ACTION

Delphinol<sup>®</sup> delays the release of dietary glucose into the bloodstream, to avoid sharp spikes and high blood glucose levels. Additional presence of ChromoPrecise<sup>®</sup> ensures a better uptake of glucose by cells, by amplifying the insulin instruction to channel glucose out of the bloodstream and into the cells for utilization of glucose as energy source.



### DELPHINOL<sup>®</sup> – CHROMOPRECISE<sup>®</sup> COMBINED ACTION CAN HELP TO:

- ✓ Promote well balanced blood sugar levels
- ✓ Ensure more efficient use of glucose in foods
- ✓ Avoid energy highs and lows
- ✓ Reduce cravings for sugary foods and carbohydrates
- ✓ Prolong time between hunger pangs
- ✓ Prevent fatigue and loss of concentration

# Delphinol®

Delphinol® is the only extract of maqui berry providing rich purified flavonoids, standardised to bear a minimum of 25% delphinidins and a minimum of 35% total anthocyanins. Delphinol® naturally delays absorption of dietary carbohydrates, including refined sugars and pure glucose.

## STARCHY FOOD ITEMS



- ✓ Delphinol®
- ✓ OPCs (grape seed, cocoa etc.)

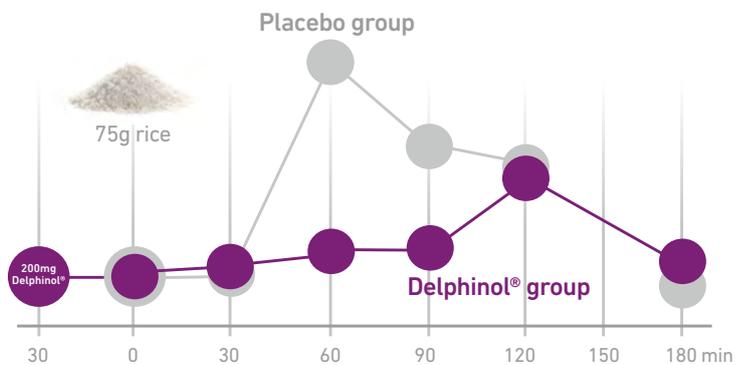
## REFINED SUGARS



- ✓ Delphinol®
- ✗ OPCs

Taking Delphinol® half an hour before consumption of rice resulted in significantly lowered blood glucose levels over a period of one hour. Delphinol® reduces postprandial blood glucose increase in individuals with impaired glucose regulation by a novel mechanism of sodium glucose cotransporter inhibition [Hidalgo et al., 2014].

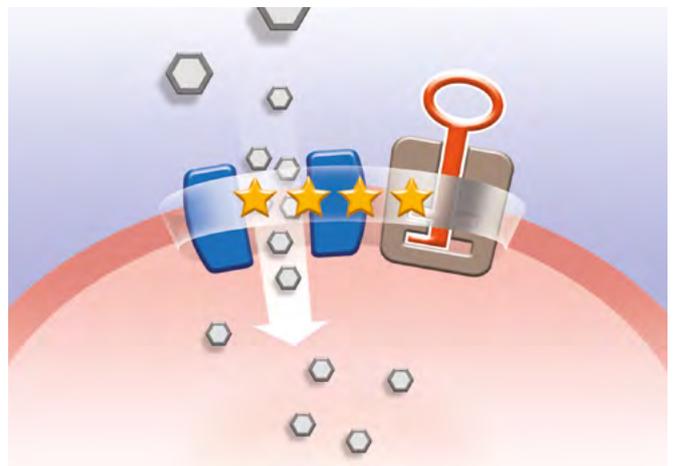
### Subsequent relative glucose increase in bloodstream



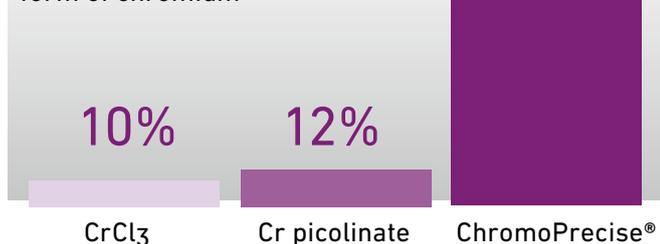
# ChromoPrecise®

ChromoPrecise® is a cellular bound chromium yeast, which works together with insulin to channel sugar out of the bloodstream and into our cells where it can be used as energy. ChromoPrecise® is the only organic chromium yeast source qualified by EFSA to be used in food supplements.

ChromoPrecise® supply empowers the chromodulin to enable the glucose transporter to absorb glucose into cells. Thus, the sugar is utilized for energy generation and the glucose is depleted from the bloodstream, which is very beneficial for maintaining good health.



ChromoPrecise®  
Ten times higher bio-availability compared to any other form of chromium



ChromoPrecise® has been confirmed by the European Food Safety Authority (EFSA) to be up to ten times better absorbed by the body (bio-available), compared to any other form of chromium [EFSA Journal 10 (11): 2951, 2012].

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## The one-two punch for blood sugar control

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The combination of Delphinol®, acting in concert with ChromoPrecise®, ensures that blood glucose levels do not reach health hazardous peaks. With Delphinol® limiting the uptake of dietary glucose into the bloodstream and ChromoPrecise® elevating the utilization of glucose from blood, the health of the cardiovascular system is optimally supported. The achievement of a steadier blood glucose level over prolonged periods of time will translate into less food cravings and especially less desire for snacking between meals.

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## Convenience equals compliance

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Delphinol® with ChromoPrecise® blend combines two of the most innovative and effective ingredients in one simple product. Our combination product is formulated to bear 50 mg Delphinol®, the only standardised maqui berry extract together with 50 µg ChromoPrecise® to be taken once to twice a day, ideally before meals.

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## Approved EFSA health claims

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ChromoPrecise® may be marketed in Europe with two EFSA health claims: Contributes to the maintenance of normal blood glucose levels and furthermore, the enhanced bioavailability of ChromoPrecise® is tenfold greater than inorganic chromium supplements.

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### References

EFSA Panel on Food Additives and Nutrient Sources added to Food - ANS. Scientific Opinion on ChromoPrecise® cellular bound chromium yeast added for nutritional purposes as a source of chromium in food supplements and the bioavailability of chromium from this source. EFSA-Journal 10 (11) : 2951-2978, 2012.

Hidalgo J, Flores C, Hidalgo MA, Perez M, Yañez A, Quiñones L, Caceres DD, Burgos RA. Delphinol® standardised maqui berry extract reduces postprandial blood glucose increase in individuals with impaired glucose regulation by novel mechanism of sodium glucose cotransporter inhibition. Panminerva Med 56 (2 Suppl 3): 1-7, 2014.



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### Imprint

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