

POWERFLUX[®]

PRE-RACE EXTRA CHARGE

PATENT
PENDING
INTELLECTUAL PROPERTY

INNOVATIVE PRE-RACE FOOD SUPPLEMENT

POWERFLUX[®] PREPARES THE BODY TO INTENSE
PHYSICAL ACTIVITY GIVING LONG LASTING ENERGY IN A FEW MINUTES

DOPING FREE
TESTED*

GLUTEN FREE

TruBeet[™]

Cluster Dextrin[®]
New Energy Source for Athletes

palatinose[™]
isomaltulose



EthicSport
MAKE YOUR BEST PERFORMANCE

POWERFLUX[®]

HOW THE INGREDIENTS WORK

1 NITRIC OXIDE AND PERFORMANCE
 POWERFLUX[®] is a pre-race energy formula based on amino acids and concentrated beetroot extract (Trubeet[™]), substances capable of supporting nitric oxide metabolism and performance, advantageous for athletes who carry out very intense sports activities. (See figure 1).

2 AN INNOVATIVE MIXTURE
 The mixture combines for the first time beetroot with a high nitrate content, with arginine and citrulline, powerful antioxidants (Vit C and Vit E), caffeine and highly branched cyclic dextrans (HBCD), in the presence of Palatinose[™], fructose and vitamin B3

3 A PATENTED MIXTURE
 In an observational study conducted on medium to high level athletes it was shown that this innovative association is far more efficient than similar mixtures of similar nutrients.

4 NITRIC OXIDE AND VASODILATION
 The mixture is useful in the pre-race phase for athletes who carry out intense activities, because it supplies nutrients which the body can convert into nitric oxide, the "tool" used by our body to induce vasodilation. (See figure 1).

5 SEQUENTIAL LOW GI CARBOHYDRATES
 The mixture simultaneously provides HBCD, isomaltulose and fructose, three carbohydrates with different chemical-physical characteristics, which therefore follow slightly different metabolic pathways and allow a continuous and gradual glucose release. The presence of HBCD lowers the osmotic pressure of the mixture and makes gastric transit faster.

6 GLYCEMIC PEAKS, INSULIN AND ACCESS TO FAT
 The presence of HBCD, Isomaltulose and fructose, molecules that do not generate high glycemic peaks, allows a faster and more effective access to stored fat, because it is not inhibited by excess insulin.

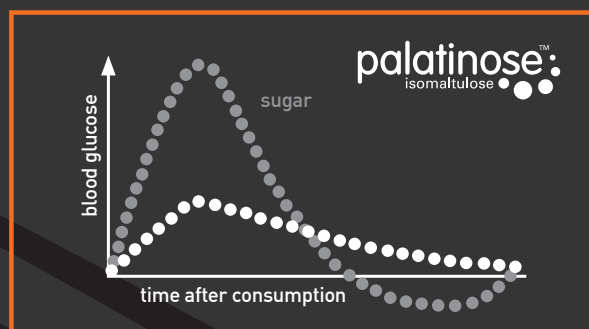
7 POWERFUL ANTIOXIDANTS AND PROTECTION FROM OXIDATION
 The parallel presence of citrulline, arginine and nitrates from beetroot (Trubeet[™]), in the presence of powerful antioxidants (Vit C and Vit E) and niacin, allows to obtain a surprising effect on the release of nitric oxide, allowing athletes to be reactive in just a few minutes.

8 CAFFEINE, ALERTNESS AND REACTIVITY
 The presence of caffeine, combined with slow release carbohydrates, which create modest glycemic peaks, generates a surprising effect on the athletes' sense of energy levels. Caffeine also helps improve mental alertness and stimulate the body.

IMPORTANT

By adopting a special method of intake, that is by keeping the liquid product in the mouth for a few seconds, it is possible to fix the natural nitrates in the salivary glands, thus obtaining a release of nitrates that covers the body for several hours.

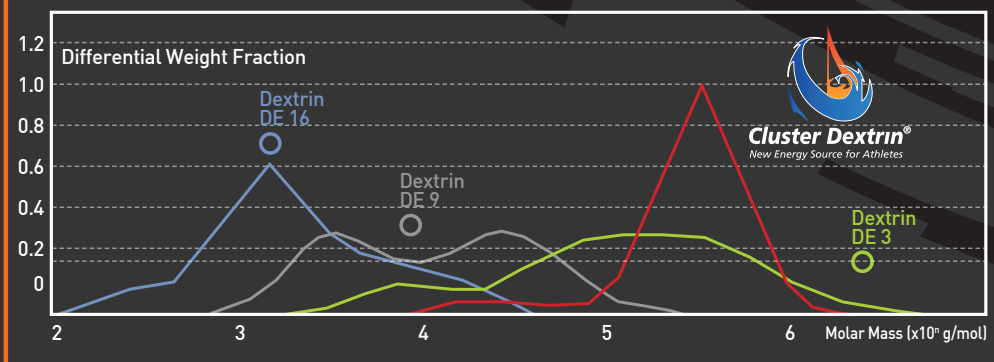
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Variation of glucose availability in blood after Palatinose[™] vs Sugar intake

LITERATURE REFERENCES

- Beetroot juice Supplementation improves High-Intensity Type Exercise Performance in Trained Soccer Players. NUTRIENTS - 2017, Volume 9, Number 3, pag 314
- Effect of Beetroot juice Supplementation on Aerobic Response during Swimming. NUTRIENTS - 2014, Volume 6, Number 2, pag 605-615
- The Influence of Caffeine Supplementation on Resistance Exercise. A Review - Sports Medicine - January 2019, Volume 49, Issue 1, pp 17-30
- L-Citrulline supplementation improves O₂ uptake kinetics and high-intensity exercise performance in humans. J Appl Physiol (1985) - Epub 2015 May 28.



Average distribution of maltodextrins molecular weight with different dextrose equivalence (DE) compared to Cluster Dextrin[®]



NITRIC OXIDE
GENERATED THROUGH ENDOGENOUS PATHWAY
 (Arginine and Citrulline in antioxidant environment) [see figure 1 and 2]

NITRIC OXIDE
GENERATED THROUGH EXOGENOUS PATHWAY
 (red beetroot extract concentrated in nitrate - TRUBEET™) [see figure 2]

REDUCTION OF TIREDNESS AND FATIGUE
 Vitamin C and B3 contribute to the reduction of tiredness and fatigue

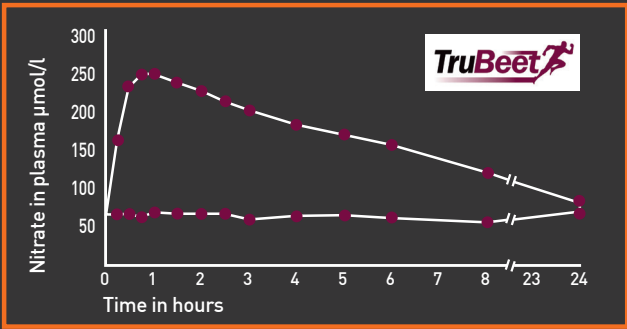
POWER FLUX®
 PRE-RACE EXTRA CHARGE

ENERGY METABOLISM EFFICIENCY
 Vitamins C and B3 contribute to normal energy metabolism

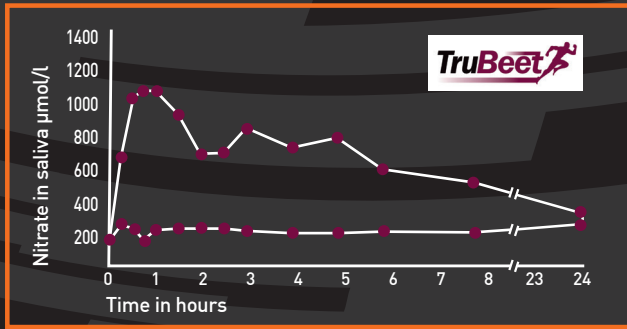
NITRIC OXIDE EFFICIENCY
 Strong antioxidant presence (Vit E and Vit C) helps nitric oxide stability contrasting oxidation

GRADUAL ENERGY
 FROM SEQUENTIAL CARBOHYDRATES
 (Cluster Dextrin® + Palatinose™ + Fructose)

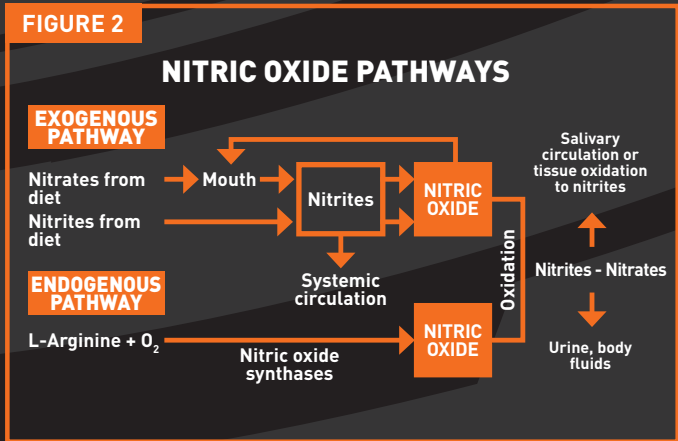
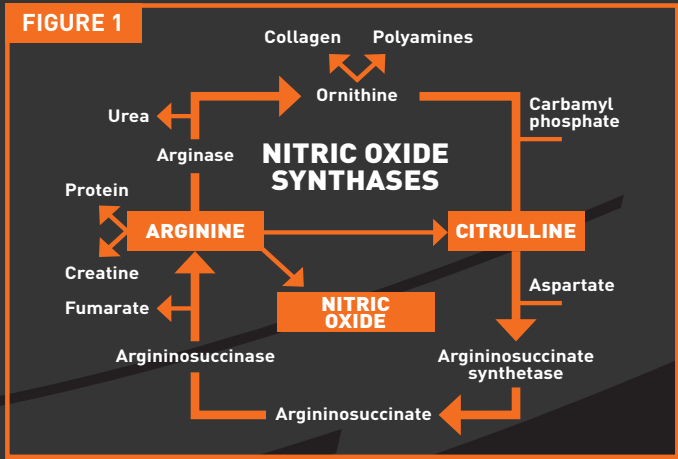
MENTAL LUCIDITY AND REACTIVITY
 Caffeine presence helps to improve mental lucidity and body stimulation



Trubeet™ vs Placebo
 Nitrate level in plasma (NO₃⁻) after Trubeet™ extract intake, compared with placebo



Trubeet™ vs Placebo
 Nitrate level in saliva (NO₂⁻) after Trubeet™ extract intake, compared with placebo



POWERFLUX[®]

PRE-RACE EXTRA CHARGE

FOOD SUPPLEMENT WITH ARGININE, CITRULLINE, VIT. B3, VIT. E AND VIT. C, TRUBEET[™], CLUSTER DEXTRIN[®], ISOMALTULOSE AND CAFFEINE (150 mg/85 ml) - With sugar and sweetener.

GENERAL INFORMATION:

Arginine and citrulline are amino acids involved in important metabolic processes. The physiological synthesis of nitric oxide (NO) requires the presence of arginine and citrulline (endogenous synthesis).

The human body is also able to physiologically synthesize nitric oxide by using the nitrates acquired through food (exogenous synthesis - see figure 2). The physiological vasodilation of smooth muscle blood vessels is closely related to the presence of nitric oxide, physiologically produced by the body.

PRODUCT FEATURES:

PowerFlux[®] is a specific supplement for the PRE-Race or PRE-Workout phase. It provides arginine, citrulline, vitamin B3 and vitamin C, it also combines Trubeet[™], Cluster Dextrin[®], Isomaltulose and Caffeine, very useful ingredients during sports performance.

Trubeet[™] is an innovative concentrated beetroot extract. Trubeet[™] is about 4 times richer in nitrates than traditional beetroot extracts. Vitamin B3 and vitamin C contribute to normal energy metabolism, to the reduction of tiredness and fatigue, and to the normal functioning of the nervous system. Vitamin C and Vitamin E help protect cells from oxidative stress. Isomaltulose is a carbohydrate with a low glycemic index, which is metabolised gradually by the body. Cluster Dextrin[®] is an innovative ingredient, consisting of highly branched cyclic dextrans (HBCD), able to gradually and continuously release glucose.

Caffeine (150 mg / 85 ml) helps increase mental alertness and helps improve concentration. The product is gluten free thereby making it suitable for coeliac sufferers too.

HOW TO USE:

1 bottle per day, about 10-20 minutes before starting an intense workout or before a race. Screw the cap until the powder drops into the bottle, shake well for about 20-30 sec, or until the powder is completely dissolved.

Advice for better assimilation and effectiveness: to make the product more active it is recommended to take 2-3 sips one after the other. At each sip we strongly recommend keeping the product in the mouth for a few seconds, mixing it with saliva, then swallow. If necessary, drink a little water after.

IMPORTANT:

People's rate of digestion differs and not all sports require the same effort. It is, therefore, advisable to take the product in advance depending on the intensity of exercise to be done. It is a good idea to carry out a few tests to find the best time to take it, which should be between 10 and 20 minutes before the start.

Endurance sports, with slow initial intensity, require a minimum ingestion time before the start. Explosive sports, with a high initial intensity, require a little longer ingestion time before the start.

INGREDIENTS:

Top contents: Trubeet[™] (beetroot extract, Beta vulgaris, L. root E.S); Maltodextrins; L-arginine; L-citrulline; flavour; L-ascorbic acid (Vit C); Caffeine; natural colouring; Niacin (Vit B3); Anti-caking agent: silicon dioxide; DL Alpha Tocopheryl Acetate (Vit. E)

Bottle contents: APurified water; Highly Branched Chain Dextrin (Cluster Dextrin[®]); Isomaltulose* (Palatinose[™]); Fructose; Preservatives: Sodium Benzoate, Potassium Sorbate; acidifier: citric acid; Sweetener: Sucralose. **Isomaltulose is a glucose and fructose source.*

WARNINGS:

Food supplements are not intended to be used as a substitute for a varied diet but is intended to be used as part of a healthy, balanced diet and a healthy lifestyle. Do not exceed the recommended daily dosage. Keep out of reach of children under the age of 3. It contains caffeine (150 mg/85 ml). It is not recommended for children and during pregnancy and breast feeding. It is recommended not to exceed a daily intake of 400 mg of caffeine from all sources. Store in a cool dry place. The expiration date applies to the product in its intact container when stored as directed.

*This product is tested free from Nandrolone and Testosterone with their precursors, free from Beta2-agonists, amphetamines and ephedrine

NUTRITIONAL INFORMATIONS

	Per dose 85 ml	Per 100 ml	NRV per dose
Energy	359 kJ 85 kcal	422 kJ 100 kcal	
Fat	0 g	0 g	
of which saturates	0 g	0 g	
Carbohydrate	20,5 g	24,1 g	
of which sugars	11,6 g	13,6 g	
Protein	1,1 g	1,3 g	
Salt	0,05 g	0,06 g	
Vitamin E	1,8 mg	2,1 mg	15%
Vitamin C	300 mg	352,9 mg	375%
Niacin (Vit B3)	32 mg	37,6 mg	200%
Beetroot E.S. (Trubeet [™])	950 mg	1.118 mg	
Caffeine	150 mg	177 mg	
L-Arginine	500 mg	588 mg	
L-Citrulline	500 mg	588 mg	

NRV: Nutrient Reference Values (adults)

DAILY DOSAGE: 1 BOTTLE

PACKAGING: 5 bottles, 85ml/each

NET VOLUME: 425 ml

Produced with exclusive and patented formula by:
ES Italia S.r.l. Viale Empoli 33 - Riccione (RN) ITALIA

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