

TRANSCHEM

The key ingredient, naturally

OCTOBER 2020

RedNite®



25 times more nitrate than beetroot

What is it?

The first fresh beetroot concentrate powder, which is high in nitrates and clinically proven to improve exercise performance and endurance in athletes.

Why use it?

- Water soluble
- May increase exercise performance and tolerance
- Can boost stamina and endurance in athletes
- Potential to help maintain brain and cardiovascular health
- Contains 1.5% to 2.75% natural nitrate

Need to know

- Dark red colour
- Pleasant mild sweet taste
- Valuable source of dietary nitrates compared to vegetables
- Developed over 4 years to achieve standardised nitrates and antioxidants
- Grown with a specific seed variety
- Solvent free extraction from fresh farm juice
- Deliver natural nitrate with betalains and polyphenols



Clinicals

Double-blind placebo cross-over trial (details on request).

Applications

Capsules, tablets, sachets

Targets

Nutraceutical, men's health, women's health, sports nutrition

* Not for sale in New Zealand



20+ specialty grades of lactose

What is it?

Over 70 years creating a pharmaceutical grade quality lactose range. Lactose is screened dried and further processed to obtain different grades; milled, agglomerated, spray dried, anhydrous, sustained release micronized and co-processed

Why use it?

- Used as diluents in dry and wet granulation processes
- High storage stability
- High batch-to-batch consistency
- Enhance flavours
- Narrow particle size distribution
- Good compactibility
- Superior flowability



Samples available

Targets

Pharmaceuticals, nutraceuticals



Proven mineral chelation

What is it?

A newly launched line of chelated minerals covering; calcium, chromium, magnesium, vanadium and zinc.

Why use it?

- Three-step verification process to prove full chelation (White paper available)
- Superior bioavailability
- Improved digestion
- Greater stability
- Enhanced solubility

Need to know

Using fully chelated minerals instead of mineral salts or oxides, delivers the maximum benefit of the nutrient.

Applications

Tablets, capsules, powders



Targets

Nutraceuticals, men's health, women's health, sport nutrition

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Reduced sugar and fibre enriched prebiotic

What is it?

A slightly sweet soluble prebiotic fibre with a high purity of short chain fructo-oligosaccharides, found naturally in small amounts in various of vegetables and fruits.

Why use it?

- Source of fibre
- Energy reduced
- May improve digestive health
- Can enhance immunity
- Enhances flavour
- Sugar substitute
- Low glycemic index
- Helps nutrient absorption
- Prebiotic to stimulate the growth of beneficial gut bacteria

Need to know

Produced from beet sugar by a proprietary unique enzymatic process



Available as

Powder

Targets

Food supplements, sports nutrition

* Not for sale in New Zealand



Collagen with functional qualities not found elsewhere

What is it?

Hydrolysed collagen (collagen peptides) from natural origins including pork, bovine and fish.

Why use it?

- Bone and joint health
- Dietary supplement
- Contains 18 amino acids

Need to know

- Easy to digest
- No smell
- Highly soluble
- Low-calorie
- No bitter aftertaste
- High bioavailability

Applications

Tablets, capsules, sachets and food supplements



Targets

Sports nutrition, men's health, women's health, bone, joint and skin health

