

**Nutrition 21's Nitric Oxide Boosting Ingredient Nitrosigine®
is Now Powering Vapor One™ from MuscleTech™**

PURCHASE, NEW YORK – September 25, 2018 – Nutrition 21, LLC (“**Nutrition 21**”), has announced that its clinically substantiated ingredient, Nitrosigine®, is now featured in Vapor One™ from MuscleTech™, a pre-workout supplement designed to deliver the consumer scientifically superior muscle pumps, advanced muscle-building power, and maximized workouts with enhanced energy.

Nitrosigine, a patented dietary complex of bonded arginine silicate stabilized with inositol, is a uniquely versatile ingredient with clinically substantiated results that adds a wide array of benefits to MuscleTech's Vapor One. Nitrosigine has been clinically shown in several studies to enhance levels of both arginine and nitric oxide in the blood, and to be a more bioavailable form of arginine. Recent clinical data on Nitrosigine demonstrates in groundbreaking fashion the ingredient's ability to enhance mental flexibility, processing speed, and overall executive function.

Nitrosigine's clinical evidence supports increased, long-lasting, fast-acting and enhanced performance, providing sports nutrition products a competitive edge. "Clinically-dosed Nitrosigine has become a backbone ingredient for several MuscleTech pre-workout products. MuscleTech recognizes that Nitrosigine delivers a host of benefits that consumers are looking for in their pre-workouts. MuscleTech has a great line of products and we are proud to have Nitrosigine featured so prominently in their brand." commented Nutrition 21's Vice President of Sales, Todd Spear.

"Vapor One is an innovative product that delivers athletes everything they'd want in a pre-workout in just one scoop," remarked Raza Bashir, Vice President of Scientific Affairs, Innovation & Procurement at Iovate Health Sciences International, the parent company of the MuscleTech brand. "Elevating your workouts to the next level can be a challenge, so the MuscleTech team has designed Vapor One so that it can deliver consumers the ingredients they need to achieve their workout goals. Nitrosigine is a crucial part of this formula, as an effective, safe, non-stimulant ingredient clinically shown to significantly increase nitric oxide production."

Consumer benefits shown to be directly linked to Nitrosigine supplementation include:

- Boosts key factors for increasing blood flow[^]
- Significantly improves mental acuity and processing speed by 33% within 15 minutes
- Increases muscle volume[^]
- Reduces muscle damage from exercise
- Increases energy quickly and safely
- Provides a safe, bioavailable source of arginine and silicon
- Significantly increases silicon levels for up to 1.5 hours
- Significantly enhances blood arginine levels for up to 6 hours[^]

[^]Results compared to baseline

About Nitrosigine®

Nitrosigine is a patented complex of bonded arginine silicate with FDA New Dietary Ingredient (NDI) notification status and has been self-affirmed Generally Recognized As Safe (GRAS) at the level of 1,500 mg per day for use in nutritional bars and beverages. Nitrosigine is scientifically engineered to boost nitric oxide levels, which have been shown to be a key factor in generating greater blood flow and vasodilation in working muscles. The unique Nitrosigine complex bonds arginine and silicate – unlocking powerful synergistic effects that offer enhanced benefits. Nitrosigine is a safe, non-stimulant, effective ingredient that is easy to formulate into new and existing products for sports nutrition, men's health and cardiovascular health.

Nutrition21

Ingredients. Science. Innovation.

FOR IMMEDIATE RELEASE

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For more information, please visit: www.Nitrosigine.com

About Nutrition 21, LLC

Nutrition 21, a wholly owned subsidiary of JDS Therapeutics, is an industry-leading developer and marketer of efficacious, high-value, clinically substantiated ingredients for use in dietary supplements, medical foods, and beverages. With over 30 years of biotechnology and pharmaceutical experience, the company's scientific platform has continued to create unique, patented products that are both safe and clinically effective. To build consumer trust, Nutrition 21 ensures product efficacy and safety through a product development strategy that involves rigorous preclinical and clinical research. The company currently holds over 100 domestic and international issued and pending patents for its ingredients which support unique claims associated with glucose metabolism, weight management, cognition, and sports nutrition, among others.

Nutrition 21's branded ingredients include Velositol®, a dietary complex of amylopectin and chromium clinically shown to double the effects of whey protein and significantly increase muscle protein synthesis, the key to muscle growth, Nitrosigine®, a bonded arginine silicate clinically shown to significantly boost nitric oxide levels, supporting mental acuity, focus and sports nutrition, and Chromax® chromium picolinate which supports clinically substantiated benefits including glucose metabolism, weight management, and brain health.

For more information, please visit: www.Nutrition21.com

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