

Shanghai Kangxin Chemical Co.,Ltd

2020/12/28

Company Overview

- Shanghai KangXin Chemical Co., Ltd, a joint venture company founded in 2000, is one of the earliest manufacturer in China dedicated to providing high quality products of food additives, feed additives and fine chemicals worldwide. With professional and technical personnel, quality assurance and good after-sales service, our products export to the United Kingdom, United States, Australia, Canada, Ireland, South Korea, Japan, Mexico, Switzerland and other countries in the world.
- The nutrition ingredients produced since 2000, which mainly include Creatinol-O-Phosphate, Calcium BHB, Magnesium BHB, Sodium BHB, Potassium BHB, Beta-NMN, L-Carnitine and some pharmaceutical intermediates and fine chemicals.
- The most of its key personnel engaged in marketing investigation, project development, manufacture as well as quality control in pharmaceutical industry for many years. Apply these experiences and concepts of pharmaceutical API development and manufacturing, they develop new product, manage the production flow as well as control each steps' quality. These make the products standardization of Shanghai Kangxin Chemical to be better than general food additives and ingredients manufacturer.

Management Team



Mr. Shuming Chen | President

At Present: President of Shanghai Kangxin Chemical Co.,Ltd.

Previously: General manager for JVC of Royal DSM & Shandong Xinhua Pharmaceutical Co.,Ltd.

Mr. Chen has over 30 years of experience in the management of nutritional chemical & pharmaceutical businesses with in-depth experiences in strategic planning, quality control and assurance, cGMP compliance, formulation development and marketing.

Certificate



Date: October 22, 2020
 כ"תשפ"א י"ג
 Kof-K ID: K-0003368
 Certificate ID: VXB8V-RGT37
 Product Count: 18

Kosher Certificate



SHANGHAI KANGXIN CHEMICAL CO., LTD
 ROOM 811, NO. 1199 DEFU ROAD
 JIADING DISTRICT, SHANGHAI 201821 CHINA



This certificate is valid through
11/30/2021

The following product(s) Manufactured By SHANGHAI KANGXIN CHEMICAL CO., LTD are certified kosher with the listed restrictions.

Product Name	Status	Restriction	UKD#
3-O-ETHYLASCORBIC ACID	Parve	Symbol not required	KFTI2Q0HC70
ACETYL L-CARNITINE HCL	Parve	Symbol not required	KF40MREYLBV
BETAINE ANHYDROUS	Parve	Symbol not required	KFSM4I5WKNK
BETAINE MONOHYDRATE	Parve	Symbol not required	KFMW0JKNH08
CALCIUM BETA-HYDROXY-BETA-MET HYL BUTYRATE	Parve	Symbol not required	KFRJLGPYKQS
CALCIUM D-BETA-HYDROXYBUTYRATE	Parve	Symbol not required	KFIRJBJ5Y20
CALCIUM-BETA-HYDROXYBUTYRATE	Parve	Symbol not required	KF1LX0VUW7U
CREATINOL-O-PHOSPHATE	Parve	Symbol not required	KFDHRN46G11
L-CARNITINE	Parve	Symbol not required	KFK6DDWDF6K
L-CARNITINE FUMARATE	Parve	Symbol not required	KFE350UP34L
L-CARNITINE HCL	Parve	Symbol not required	KF3ZRL63FG
L-CARNITINE TARTRATE	Parve	Symbol not required	KF5D1592FF7
MAGNESIUM D-BETA-HYDROXYBUTYRATE	Parve	Symbol not required	KF40G3JURAOX
MAGNESIUM-BETA-HYDROXYBUTYRATE	Parve	Symbol not required	KFN86911QEY
POTASSIUM-BETA-HYDROXYBUTYRATE	Parve	Symbol not required	KFFLV3TJX9T

Rabbi Binyamin Berkowitz
 Rabbinic Administrator

To verify or for the most up to date certificate please go to www.koshercertificate.com
 201 The Plaza, Teaneck, NJ 07686 | Phone 201.837.0500 | fax 201.837.0128



Certificate



Date: October 22, 2020
תאריך: 22.10.20
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Product Name	Status	Restriction	UKD#
POTASSIUM D-BETA-HYDROXYBUTYRATE	Parve	Symbol not required	KFZPUS7R6JY
SODIUM D-BETA -HYDROXYBUTYRATE	Parve	Symbol not required	KF9PX0G2KLS
SODIUM-BETA -HYDROXYBUTYRATE	Parve	Symbol not required	KFLJU49XEGZ

Rabbi Binyamin Berkowitz
Rabbinic Administrator

To verify or for the most up to date certificate please go to www.koshercertificate.com
201 The Plaza, Teaneck, NJ 07666 | Phone 201.837.0500 | fax 201.837.0126

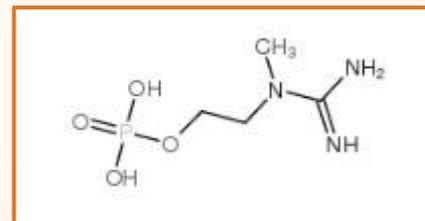


Nutritional ingredient

Name: Creatinol-O-Phosphate

Molecular formula: C₄H₁₂N₃O₄P

CAS Number: 6903-79-3



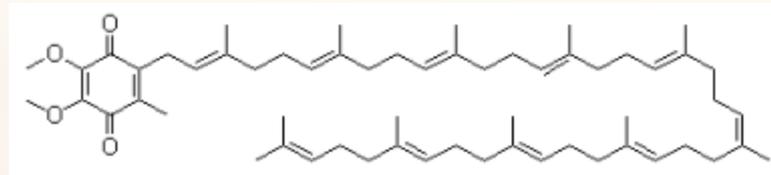
Usage: Creatinol-O-Phosphate maintains structural integrity and stability within muscles and is not subject to destructive process of cyclization. This occurs when Creatine is converted into creatinine, a substance that does not aid muscle building. COP can also help muscles receive gains in mass size and strength by allowing greater anabolic dosages which stimulate muscle fibers greatly. It also an ideal choice for body builders because it can increase muscle flexibility and contractility despite spikes in lactic acid production.

Coenzyme Q10 powder

Name: Coenzyme Q10 powder

Molecular formula: C₅₉H₉₀O₄

CAS Number: 303-98-0

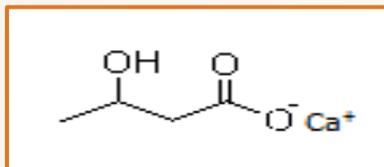


Usage: Raw materials for health food; Dietary supplements. A kind of fat soluble antioxidant which can activate the nutrition of human cells and cell energy. The functions of improving human immunity, enhancing antioxidant delaying aging enhancing human vitality.

Name: Beta-Hydroxybutyric acid calcium salt

Molecular formula: C₄H₈O₃Ca

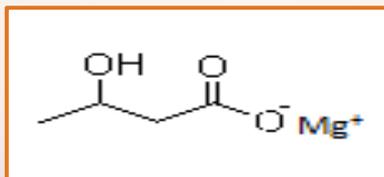
CAS Number: 586976-56-9



Name: Beta Hydroxybutyrate Magnesium salt

Molecular formula: C₄H₈O₃Mg

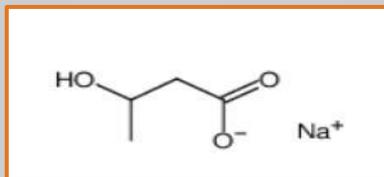
CAS Number: 586976-57-0



Name: Beta-Hydroxybutyric acid sodium salt

Molecular formula: C₄H₇O₃Na

CAS Number: 150-83-4



Description

- BHB is a ketone called Beta-Hydroxybutyrate (BHB) which is naturally occurring in human body. Ketones provide pure energy to fuel the human brain and other tissues. The elevation in ketones in your blood have been a rapidly emerging area of research and studies are continuing to show improvements in performance, brown adipose tissue, and several other possible applications.
- When you consume a low carbohydrate diet, glucose is not be able to provide enough energy to fuel your system. BHB provides additional energy to your brain and tissues even you while in a low-carbohydrate condition.
- BHB is available in four electrolyte forms: Sodium, Calcium, Magnesium and non-hygroscopic Potassium Salts.

Description

- D-BHB is the optical isoform we naturally produce when ketogenic. Since your body naturally produces D-BHB, when taking it in exogenous ketone supplement form, the bioavailability when compared to the other exogenous ketone supplements on the market is far greater. This means that the D-BHB will get absorbed into your system faster and more completely.

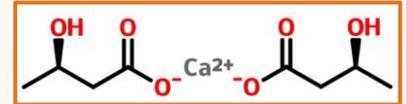
1. Increased Energy
2. Improved Performance
3. Elevated Ketone Levels
4. Enhanced Focus & Concentration

- D-BHB alone is more expensive and harder to produce than DL-BHB which contain both L-BHB and D-BHB. Because the extra and special process need to be increased for increasing the purity of D-BHB and removing L-BHB.

Name: Calcium D- Beta Hydroxybutyrate

Molecular formula: C₈H₁₄O₆Ca

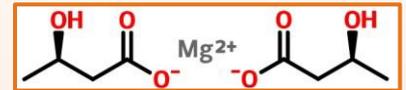
CAS Number: 2138463-93-9



Name: Magnesium D- Beta Hydroxybutyrate

Molecular formula: C₈H₁₄O₆Mg

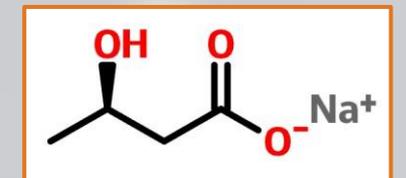
CAS Number: 163452-00-4



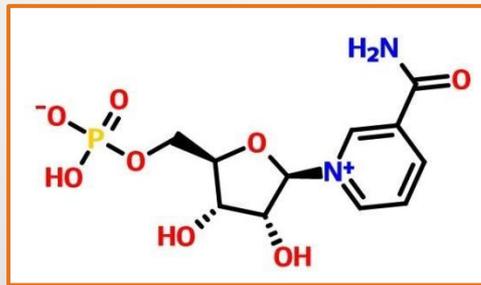
Name: Sodium D- Beta Hydroxybutyrate

Molecular formula: C₄H₇O₃Na

CAS Number: 13613-65-5



Beta-NMN



Name: Beta-Nicotinamide Mononucleotide

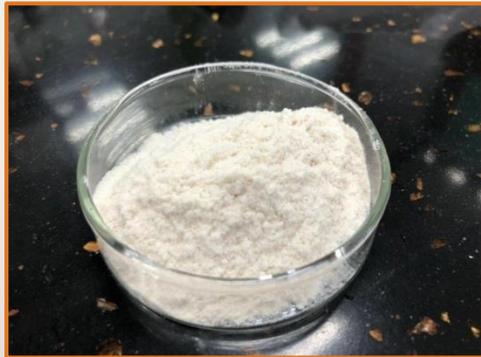
Molecular formula: C₁₁H₁₅N₂O₈P

CAS Number: 1094-61-7

Description

- Nicotinamide mononucleotide ("NMN" and "β-NMN") is a nucleotide derived from ribose and nicotinamide. Nicotinamide (nicotinamide,) is a form of vitamin B3 (niacin.) As a biochemical precursor of NAD⁺, it may be useful in the prevention of pellagra.
- Its unconcentrated form, niacin, is found in a variety of nutritional sources: Peanuts, Mushrooms (portobello, grilled), Avocados, Green Peas (fresh), and certain fish and animal meats.
- In studies [on mice], NMN has shown to reverse age-related arterial dysfunction by decreasing oxidative stress.
- The anti-ageing properties will be tested on humans in July 2016.

Citrus pectin



Name: Citrus pectin

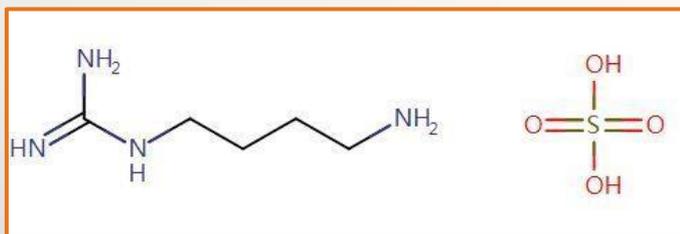
Molecular formula: $(C_6H_{10}O_6)_n$

CAS Number: 9000-69-5

Description

- Citrus pectin is a structural heteropolysaccharide contained in the primary cell walls of terrestrial plants. The molecular weight is 50 - 300 thousand Da. It is produced commercially as a white to light brown powder, mainly extracted from citrus fruits, and is used in food as a gelling agent, particularly in jams and jellies. It is also used in dessert fillings, medicines, sweets, as a stabilizer in fruit juices and milk drinks, and as a source of dietary fiber.
- Because citrus pectin is a high source of fiber, it's commonly used in a high-fiber diet to treat constipation and digestive issues. It's also known to naturally lower cholesterol, fight diabetes and support weight loss.
- Citrus pectin, on the other hand, is found in plants, so people on a vegan or vegetarian diet can eat products containing pectin.

Agmatine sulfate



Name: Agmatine sulfate

Molecular formula: C₅H₁₆N₄O₄S

CAS Number: 2482-00-0

Description

- Suppress Tumor Growth

Agmatine is a metabolite of arginine via arginine decarboxylase (ADC), an arginine pathway distinct from that of the polyamines. The capacity of agmatine could suppress polyamine biosynthesis and to transport in an antizyme-dependent fashion. In accord with the observation of antizyme induction, agmatine administration markedly reduced intracellular polyamine levels and cellular proliferation in a transformed proximal tubule cell line, suggesting a role for agmatine as a tumor suppressor.

- Help with Depression and Anxiety

Animal clinical trial demonstrated that agmatine has an antidepressant-like effect in mice and rats. A classical antidepressant, desipramine, as well as agmatine or monoamines protect the PC12 cells from the lesion induced by NMDA treatment. Agmatine reverses the NMDA-induced intracellular Ca²⁺ overloading and the decrease of monoamines (including norepinephrine, epinephrine or dopamine) contents in PC12 cells, indicating that agmatine's antidepressant-like action may be related to its modulation of NMDA receptor activity and/or reversal of the decrease of monoamine contents and Ca²⁺ overloading induced by NMDA.

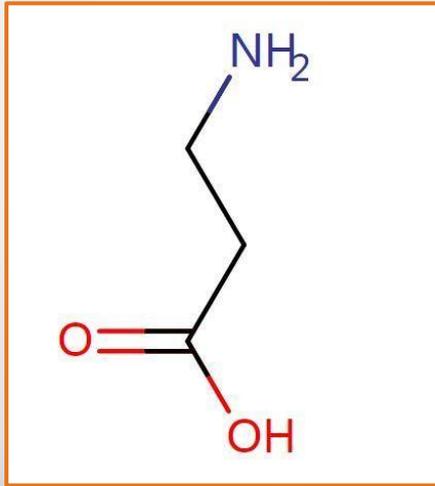
- Reduces Pain

Present and previous findings show that AGM given systemically is effective in inhibiting mechanical and thermal hypernociception present in chronic inflammatory processes caused by CFA and also the neuropathic pain caused by PSLN.

- May Improve Learning and Memory

Agmatine is an endogenous polyamine derived from enzymatic decarboxylation of L-arginine. It is present in brain and other mammal's tissues. In the brain, agmatine exists in hypothalamus, hippocampus, cortex, locus ceruleus, red nucleus and forebrain. In the previous study and report that the effect of systemic agmatine injection on acquisition, consolidation and retrieval of water maze reference memory was examined. The results showed agmatine in the hippocampus may be involved in memory consolidation.

Beta-Alanine



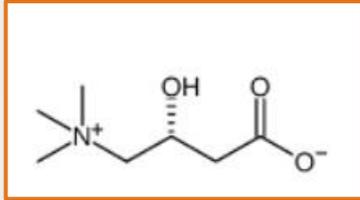
Name: Beta-Alanine

Molecular formula: C₃H₇NO₂

CAS Number: 107-95-9

Description

- β-Alanine is a nonproteogenic amino acid that combines with histidine to form a dipeptide molecule known as carnosine. Carnosine is an H⁺ buffer that is especially useful in preventing the decline in muscle pH during high-intensity exercise. β-Alanine has been shown to be the rate-limiting precursor of carnosine formation, and therefore supplementation with β-alanine increases muscle carnosine. β-Alanine supplementation has ergogenic effects on exercise performance, specifically in high-intensity events for 1–4 min. However, carnosine has been suggested to have various other roles in the body, including acting as an antioxidant, antiglycating agent, and ion chelator, which may have significant effects on aging and other health benefits. Besides β-alanine supplementation, carnosine content is dependent on various other factors, such as diet, gender, and training status.
- Benefits of Beta-Alanine as supported by scientific studies:
 - Increase Muscular Strength & Power Output.
 - Increases Muscle Mass
 - Increase Anaerobic Endurance
 - Increases Aerobic Endurance
 - Delay Muscular Fatigue- Train Harder & Longer



Name: L-Carnitine

Molecular formula: C₇H₁₅NO₃

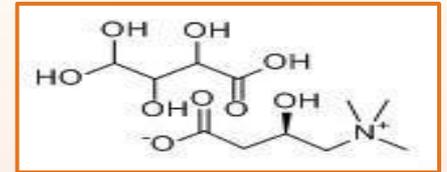
CAS Number: 541-15-1

Usage: Nutritional chemicals. L-Carnitine is the chief amino acid that helps the body convert fats into energy. It is important in the production of energy and the oxidation of fatty acids.

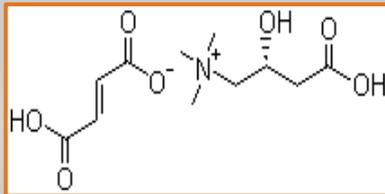
Name: L-Carnitine-L-Tartrate

Molecular formula: C₁₈H₃₆N₂O₁₂

CAS Number: 36687-82-8



Usage: Nutritional chemicals. L-Carnitine is the chief amino acid that helps the body convert fats into energy. L-Tartrate behaves as an emulsifier, acidity regulator and substantial antioxidant.



Name: L-Carnitine fumarate

Molecular formula: C₁₁H₁₉NO₇

CAS Number: 90471-79-7

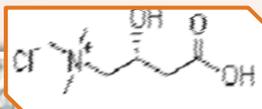
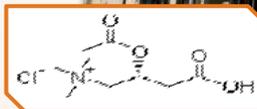
Usage: Nutritional chemicals. L-Carnitine is the chief amino acid that helps the body convert fats into energy. Fumarate is often used as a substitute for Tartrate to regulate acidity and activate antioxidant response pathways.

Name: L-Carnitine hydrochloride

Molecular formula: C₇H₁₅NO₃HCl

CAS Number: 6645-46-1

Usage: Nutritional chemicals. L-Carnitine is the chief amino acid that helps the body convert fats into energy. It is important in the production of energy and the oxidation of fatty acids.



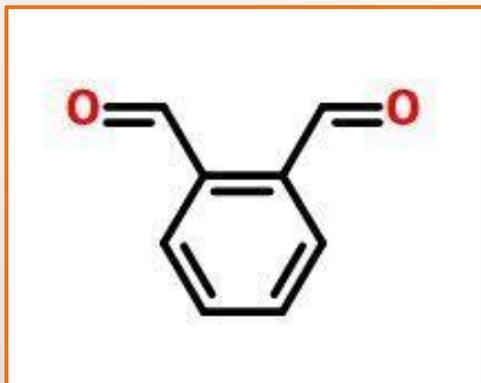
Name: Acetyl-L-carnitine hydrochloride

Molecular formula: C₉H₁₇NO₄HCl

CAS Number: 5080-50-2

Usage: Nutritional chemicals. Like carnitine, ALCAR helps the body convert fat into energy and may improve athletic performance.

4th generation high level disinfectant ingredient



Name: O-Phthalaldehyde (OPA)

Molecular formula: $C_8H_6O_2$

CAS Number: 643-79-8

Description

- OPA solution is a high level disinfectant with excellent efficacy, safety and convenience. It is designed for reprocessing heat sensitive semi critical medical devices that are unsuitable for sterilization.
- It can be used manually or in an automated endoscope reprocessor.

THANKS

www.shkangxin.com.cn