

Did you know?

Lactic Acid Bacteria in Food Preservation and Human Health

There are several potential health or nutritional benefits derived from some species of Lactic Acid Bacteria (LAB). LAB are species from gram positive bacteria including the genera Lactobacillus, Leuconostoc, Lactococcus, Streptococcus and Pediococcus. They are recognized from their fermentative ability and their enriching nutrients, abilities to improve food safety and provide health benefits.



Bacteriocins produced by LAB are the subject of intense researches because of their antibacterial activity and the possibility to be used as a substitution for chemical food preservative. The decrease of pH resulting from primary metabolite of LAB is capable of inhibiting the growth of a wide variety of food spoilage bacteria.

LAB have health-promoting attributes including antimutagenic and anticarcinogenic activities, hypocholesterolemic properties, antagonistic actions (that can restrain intestinal and food borne pathogens) as well as immune modulation effects. LAB have been reported to improve gastrointestinal health as well. Food fermentations have a great economic value, and it has been accepted that these products contribute to improving human health.

References:

1. [https://www.ijcmas.com/5-8-2016/J.%20Hitendra,%20et%20al\].pdf](https://www.ijcmas.com/5-8-2016/J.%20Hitendra,%20et%20al].pdf)
2. <https://www.nutraingredients-latam.com/Article/2019/04/04/ANVISA-probiotics-in-food-application-RDC-241-2018-guidance>

Events September 2020

Date	Event/Website
2 Sep	Lubrizon Webinar-The Surprising Science Behind Micellar Waters and Other No-Rinse Cleansing Waters@Chemico Myanmar Co., Ltd., Myanmar
10 Sep	Nisshin Webinar-Skin care@PT. Kemiko Indonesia, Jakarta and PT. Chemico Surabaya, Indonesia
15 Sep	Bouncell Webinar@Chemico Asia Pacific (M)Sdn, Bhd., Malaysia
15 Sep	RAHN Webinar@Chemico Corporation Limited Liability Company, Russia
17 Sep	Respharma Webinar@Chemico Vietnam Co., Ltd, Vietnam
24 Sep	Momentive Color Trend Webinar@Chemico Asia Pacific (M)Sdn, Bhd., Malaysia
3-4 Oct	Beauty Forum Swiss@Zurich, Switzerland_ https://www.beauty-fairs.ch/fr/accueil.html?ref=log
3-5 Oct	Expocosmética 2020@Porto, Portugal_ https://expocosmetica.exponor.pt/?lang=en
8-10 Oct	Food ingredients & Health ingredients India 2020@New Delhi, India_ https://www.figlobal.com/india/en/home.html
11-13 Oct	Food ingredients Africa 2019@Cairo, Egypt_ https://www.figlobal.com/africa/en/home.html
15-17 Oct	K-Beauty Expo Korea 2020@Goyang, South Korea_ http://www.k-beautyexpo.co.kr/en/default.asp
19-21 Oct	China International Beauty Expo@Beijing, China_ http://www.beijingbeautyexpo.com/bj/
20-22 Oct	The 13 th Shanghai International Import and Export Food & Beverage Exhibition 2020@Shanghai, China_ http://www.importfoodfair.com/en/spring/
20-23 Oct	PROPAK ASIA@Bangkok, Thailand_ https://www.propakasia.com/ppka/2020/en/index.asp
24-25 Oct	Beauty Forum Munich@Munich, Germany_ https://www.beauty-fairs.com/trade-shows/
25-28 Oct	SupplySide West & Food ingredients North America@Las Vegas, USA_ https://west.supplysideshow.com/en/home.html



Regulation

Thai Regulation for Use of Amino Acids as Active Ingredients in Food Supplements (Part 3)

The annex of active ingredients as amino acids in food supplements is as follows. This regulation came into force on October 19, 2006.

No	Name of variety of amino acids and their forms	Maximum level for recommended daily intake (mg)
3	L-methionine or DL-methionine or D-methionine	NMT 650 ¹ (calculated as L-methionine) or combined use with cystine group total amount shall not be more than 6501 (calculated as combination of L-methionine and L-cystine) or combined use with cysteine group total amount shall not be more than 5002 (calculated as combination of L-methionine and L-cysteine) or combined use of methionine group with cystine group and cysteine group total amount shall not be more than 500 ² (calculated as combination of L-methionine and L-cystine and L-cysteine)

Source: ¹ World Health Organization, Technical Report Series 724 Energy and Protein Requirement. Report of a joint FAO/WHO/UNU Expert Consultation. Geneva 1985: 64-6.

² Maximum allowance level in food supplements.

Reference: www.fda.moph.go.th

To be continued next month.

News

Momentive Webinar, The Philippines

Momentive Performance Materials Inc. in collaboration with Chemico Philippines, Inc. held a webinar entitled “Colors Beyond Beauty” on August 4th and “Enhance Hair Beauty” on August 11th, 2020.



Daito Webinar, Indonesia

Daito Kasei Kogyo Co., Ltd. together with PT. Kemiko Indonesia and PT. Chemico Surabaya hosted webinars entitled “Cool Cosmetic Formulations” on August 6th, 2020 and “Mask Makeup Formulations” on August 7th, 2020. Several unique formulations using Daito products were introduced to the customers.



Rahn Webinar, India

RAHN AG in collaboration with Chemico Health and Beauty India Private Limited, held an online webinar on August 12th, 2020 under the topic “Body Wellbeing”. The webinar presented information about natural active ingredients related to wellness and wellbeing concepts.



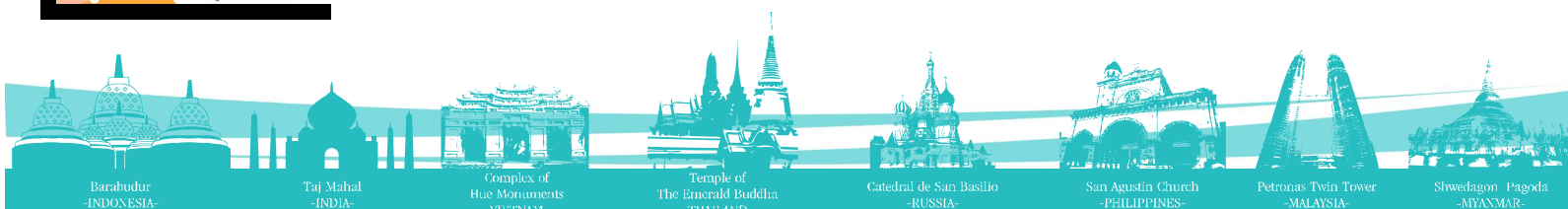
Momentive Webinar, Vietnam

Momentive Performance Materials Inc. teamed up with Chemico Vietnam Co., Ltd. to hold an interesting webinar on August 14th and 27th, 2020 with the topic “Skin Care & Make Up Webinar 2020” and “Hair Beauty 2020” respectively.



NOF and Chori Webinar, Vietnam

NOF Corporation and Chori Co., Ltd. in collaboration with Chemico Vietnam Co., Ltd. held a webinar on August 18th, 2020 with the topic “Detergent Technology”. Chemico team collected all the problems that the customers faced in the production to create the ideas for this joyful webinar. The main content were about sharing the technology in personal care & cleansing products, solving problems in the production as well as guide formulations and NOF products.



Barabudur
-INDONESIA-

Taj Mahal
-INDIA-

Complex of
Hue Monuments

Temple of
The Emerald Buddha

Catedral de San Basilio
-RUSSIA-

San Agustin Church
-PHILIPPINES-

Petronas Twin Tower
-MALAYSIA-

Shwedagon Pagoda
-MYANMAR-

News

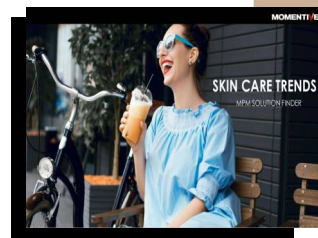


Davos Webinar, Thailand

Davos Life Science, part of KLK Oleo, Singapore in collaboration with Chemico Inter Corporation Co., Ltd. held a webinar entitled “Tocotrienols, A Better Form of Vitamin E-More Powerful Antioxidant” on August 19, 2020. The webinar started with introduction to the company overview and followed by information about the highlight product - Tocotrienols. They are the better forms of Vitamin E that naturally derived from sustainably source. In-vitro, in-vivo and clinical studies on antioxidantizing, anti-inflammatory, skin brightening properties were included as well.

Momentive Webinar, Malaysia

On August 19th, 2020, Momentive Performance Materials Inc. in collaboration with Chemico Asia Pacific (M) Sdn. Bhd. held a webinar with the title “Skin Care Trends: MPM Solution Finder”. The webinar focused on 1) beauty trends (Health & Wellness, Minimalism, Celebrate Diversity and Athleisure) and how they translated into fashion & beauty, 2) lifestyle trends, 3) new beauty product concepts and 4) Momentive products offered as solution for each trend. The newly launched material as a versatile option for all skin and hair applications as well as the interesting new formulations were also presented.



DSM Webinar, Vietnam

DSM Nutritional Products joined hand with Chemico Vietnam Co., Ltd. to hold a very practical yet joyful “All-You-Need-To-Know: Sun Care Webinar” on August 25th, 2020. The webinar did not only share the specific actives in sun care products, but also took this chance to present an advanced software for measuring the SPF index, named “DSM Sunscreen Optimizer 2.0”. The software helps to customize the sunscreen formulation based on the actual requirement.

Abyss Webinar, Thailand

Abyss Ingredients, France in collaboration with Chemico Inter Corporation Co., Ltd. jointly organized a webinar entitled “Cartidyss® for Joint Care” on August 26th, 2020. The webinar provided arthrosis/osteoarthritis information, Cartidyss®, compositions & their benefits, in vivo efficacy study, how to communicate and market products which can help in the development of new products in food and dietary supplement.



Skin care Seminar, Thailand

Chemico Inter Corporation Co., Ltd. organized a seminar entitled “How to Choose the Right Active Ingredients for Efficient Products (Chapter I)” on August 27, 2020 at CAHB II center, Bangkok, Thailand.

