减糖趋势下的甜菊糖解决方案

甜菊糖是一种源于植物的**天然0卡高倍甜味剂**

INTRODUCTION

介绍

GLF04®葡萄糖基甜菊糖苷（GLUCOSYLATED STEVIOL GLYCOSIDES)又称酶改质甜菊糖苷(ENZYME MODIFIED STEVIA)。以甜叶菊为原料萃取而得甜菊糖苷，经过葡萄糖基转移酶的催化，将葡萄糖基从麦芽糊精传递至甜菊糖苷。此类过程不使用任何非食品加工认可可使用的溶剂或加工助剂。

酶处理可产生多个葡萄糖基甜菊糖苷（1-20多个)，可作为食品添加剂中的食品用香料使用，应用于除GB2760-2014表B.1之外的各类食品中。

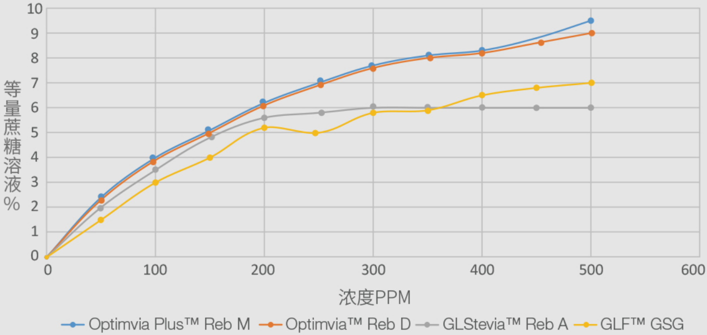
PROPERTIES

性质

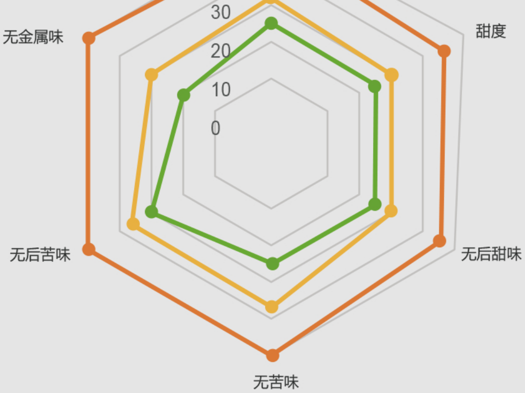
甜度倍数

GLF04 GSG 75的150倍甜度以5%的蔗糖溶液来对比测试

% SE	2.5%	5%	7.5%
GLF04® GSG 75 甜度	240	150	100



GLF 04 GSG Taste Profile



从上面两张图可以得出结论:RA 在200PPM以内,甜味是直线上升的,但超过200PPM苦味也随之增强。RM和RD产品的添加量达到300PPM,才适度有一点苦味,而且苦味趋于平衡不变,但甜味不断增强。

稳定性以及货架期

甜菊糖苷在干燥条件件储存时,结构稳定,不吸湿,货架期2年。
甜菊糖苷在溶液条件下降解信息总结

溶液中甜菊糖苷添加量	PH	水解稳定期	甜味保持
300PPM	4-8	>52周	>104周
300PPM	2-4	>26周	>52周
甜菊糖苷在加热的情况下(90°C-5分钟)稳定性很好			

APPLICATION

应用场景

APPLICATION SCENARIO

蜜饯 CANDIED FRUIT

天然、零热量、甜味源于天然甜叶菊

酱料 SAUCE

天然、零热量、甜味源于天然甜叶菊

槟 榔 BETEL NUT

天然、零热量、甜味源于天然甜叶菊

辣 条 SPICY STICK

天然、零热量、甜味源于天然甜叶菊

了解更多应用场景领取免费样品咨询~~~

PRODUCT 产品指标 INDICATORS

参数	格林标准	GB1886.355-2022

外观	淡黄色粉末	淡黄色粉末状
TSG总甙含量	≥85.0%	无要求
GSG葡萄糖基含量	≥75.0%	≥75.0%
干燥失重	<5.0%	无要求
总灰分	<1%	无要求
PH值	4.8-7.0	4.5-7.0
甲醇残留	<200PPM	无要求
乙醇残留	<460PPM	无要求
铅(PB)	≤1PPM	无要求
总砷(AS)	≤0.1PPM	无要求

USE CASES

使用案例

兴化格林的 GLF 葡萄糖基甜菊糖苷的口感独特性颇受我们下游客户的赞誉，在我们香精里添加了 GLF 和甜菊糖苷复配，起到甜味协同增效的同时，消除甜菊糖苷本身的不良

余味，增强甜味的峰值，还可以有效提升香味的强度和持久度，特别适合于槟榔、麻辣食品、炒货、罐头、蜜饯等品类。

SUSTAINABLE
SUPPLY

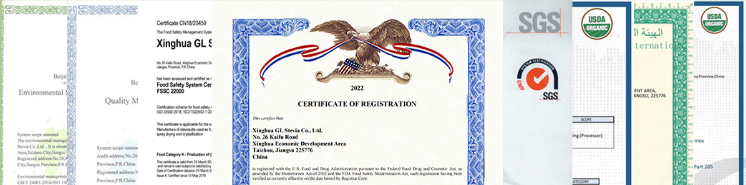
供应链-产能

兴化格林是垂直整合甜叶菊育种、种植、生产及应用解决方案全产业链供应商以及创新者之一。全球高端甜菊糖苷OPTIMVIA REB D & REB M供应量最多的生产商。突破气候和收成期的制约，商业化种植横跨南、北半球，确保了可持续、可溯源和可信赖的甜菊糖苷供应链体系。

CERTIFICATE

产品证书通行证

格林甜菊糖产品已经获得同行全球的绝大部分认证，通过多家世界大型食品饮料企业的现场审核。



Certificate CN18/20459

The Food Safety Management Syste

Xinghua GL S

No 26 Kaifu Road, Xinghua Economic D
Jiangsu Province, P.R China

has been assessed and certified as
Food Safety System Cer
FSSC 22000

Certification scheme for food safety
ISO 22000:2018, ISO/TS22002-1:20

This certificate is applicable for the s
Manufacture of stevioside used as f
spray drying and crystallization

Food Category K - Production of

This certificate is valid from 29 March 20
and remains valid subject to satisfactory
Date of Certification decision 29 March 2
Issue 4. Certified since 15 May 2018

2022

CERTIFICATE OF REGISTRATION

This certifies that:

Xinghua GL Stevia Co., Ltd.
No. 26 Kaifu Road
Xinghua Economic Development Area
Taizhou, Jiangsu 225776
China

is registered with the U.S. Food and Drug Administration pursuant to the Federal Food Drug and Cosmetic Act, as amended by the Bioterrorism Act of 2002 and the FDA Food Safety Modernization Act, such registration having been verified as currently effective on the date hereof by Registrar Corp.

SGS
GMP
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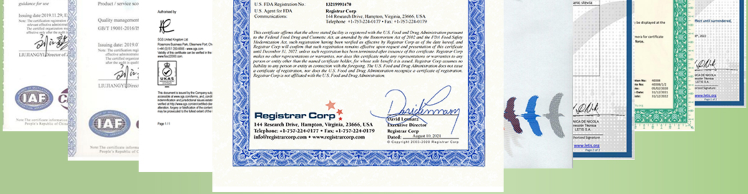

U.S. FDA Registration No.: **13219991470**
U.S. Agent for FDA Communications: **Registrar Corp**
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Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

This certificate affirms that the above stated facility is registered with the U.S. Food and Drug Administration pursuant to the Federal Food Drug and Cosmetic Act, as amended by the Bioterrorism Act of 2002 and the FDA Food Safety Modernization Act, such registration having been verified as effective by Registrar Corp as of the date hereof, and Registrar Corp will confirm that such registration remains effective upon request and presentation of this certificate until December 31, 2022, unless such registration has been terminated after issuance of this certificate. Registrar Corp makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. Registrar Corp assumes no liability to any person or entity in connection with the foregoing. The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. Registrar Corp is not affiliated with the U.S. Food and Drug Administration.

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David Lennarz
Executive Director
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Dated: August 10, 2021

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