



星湖
STAR LAKE

● ETHYL MALTOL ● MALTOL

PROFESSIONAL
MANUFACTURER FOCUS ON
PREMIUM PRODUCTS

ZHAOQING PERFUMERY CO.,LTD.GUANGDONG,CHINA
GUANGDONG ZHAOQING HUABAO STAR LAKE FOOD TECHNOLOGY CO.,LTD.



COMPANY PROFILE

Zhaoqing Perfumery Co.,Ltd.Guangdong,China(ZQP)is the leading manufacturer of Ethyl Maltol and Maltol in China since 1983. As one of the major producer of Ethyl Maltol and Maltol in China, we first introduced a complete synthesis technology to produce Ethyl Maltol , which ended the era that China was totally dependent on imports.

ZQP is keeping technological and product innovation, it has been continuously approved as "National high-tech Enterprise" since 1994.ZQP has acquired the Kosher Certification, Halal Certification, ISO 9001:2008 of Quality Management Systems Certificate, ISO 22000:2005 of Food Safety Management Systems Certificate and ISO 14001:2004 of Environmental Management Systems Certificate. Behind these honors is the company's commitment to product quality and dedication to technological innovation.

Our company's reputation is growing in the market. In 1997, it was rated as "the earliest and largest Ethyl Maltol production enterprise in China". In 1999, it was awarded the title of "Excellent Enterprise for scientific and technological Progress of National Food Industry". In 2002, it was ranked among the "Top 100 enterprises in China Food Additives and food ingredients industry" and was rated as "China Excellent Enterprise" by China Enterprise Confederation and China Entrepreneurs Association. As early as 1986, "Star Lake" brand ethyl maltol won the National Ministry of Light Industry Science and Technology Progress Award, and won the "Top Ten famous brand of China's perfume" in 2005. "Star Lake" was named as the famous brand of Guangdong Province in 2007, and has been continuously identified as the famous trademark of Guangdong Province.

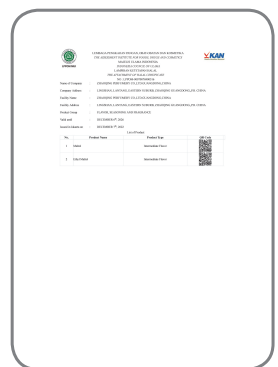
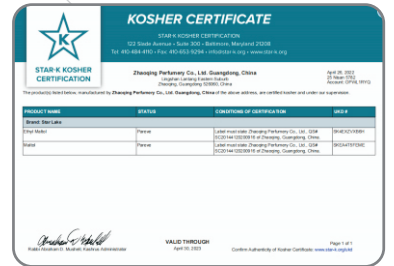
In 2007, ZQP became a wholly owned subsidiary company of Huabao International Holdings Ltd., which is one of world Top Ten flavor and fragrance Companies. Huabao Group's business covers 12 countries around the world. Relying on the rich resources and strong scientific research for flavors and fragrances, We upgraded the advanced operation and management with international vision. As the development over the past decades, "Star Lake" Ethyl Maltol has laid a benchmark position in the industry, and its brand influence has been improving.

In 2021, Guangdong Zhaoqing Huabao Star Lake Food Technology Co.,Ltd. was established on Zhaoqing High-Tech Development Zone.It's a wholly own subsidiary company of ZQP . We uphold the excellent corporate culture of Huabao Group, fulfill the mission of "Green Nutritious Healthy", insist the core value of "Client first,value creation and shared achievements", provide more diversified product solutions for global customers, and continue to the new glory of "Star Lake" .

OUTSTANDING REPUTATION, GUARANTEED QUALITY



ISO9001/ISO22000/ISO14001
STAR-K KOSHER, MUI HALAL



PRODUCT DETAILS



"STAR LAKE" ETHYL MALTOL

Chemical Name: 3-Hydroxy-2-Ethyl-4-Pyrone
Molecular Formula: C₇H₈O₃
Molecular Weight: 140.14
CAS Number: 4940-11-8
EINECS No.: 225-582-5
FEMA No.: 3487
INS No.: 637

PROPERTIES: A white, crystalline powder, a characteristic Ethyl Maltol odor, having a cotton-candy and a sweet, fruit like flavor in dilute solution. One gram dissolves in about 55ml of water, 10ml of 95% ethanol, 17ml of propylene glycol, and 5ml of chloroform. It melts at about 90°C

FUNCTION AND APPLICATION: "Star Lake" Ethyl Maltol is an extensive flavor enhancer and multifunctional taste improver, which is extracted from agricultural by-product with advanced synthetic technology. It has a remarkable effect on upgrading the aroma of the flavor, lasting the flavor, improving the taste of the product.



QUALITY STANDARD: Be in accordance with U.S.A. FCC

Inspection Items & Specification	INDEX	
	U.S.A. FCC	GB1886.208-2016
Property	A white crystalline powder having a cotton-candy odor and a sweet fruit like flavor in dilute solution	A white crystalline powder having a cotton-candy odor and a sweet fruit like flavor in dilute solution
Assay C ₇ H ₈ O ₃ %	≥ 99.0	≥ 99.5
Melting Point °C	About 90	89.0~93.0
Residue on ignition %	≤ 0.2	
Moisture %	≤ 0.5	≤ 0.3

PACKAGE:



Carboard carton: NW10kg /5kg
 Composite can: NW0.5kg / 0.25kg



size: 52x44x17.5cm³/46x19x27cm³



Paper barrel: NW25kg
 Sealed by polyethylene bag inside
 size: 36x36x42cm³

STORAGE: Keep in a cool and dry place. Avoid being store in iron containers. Protect from light and keep containers closed. Avoid contamination from other special smell.

"STAR LAKE" ETHYL MALTOL



ETHYL MALTOL is recognized as a kind of safe and reliable food additive, it has a remarkable fruit flavor, improves and increases the flavor and the taste of the product with small dosage, it can remove the uncomfortable taste or smell such as bitter, irritation and tartness. It is widely applied in dried fruit products, natural, beverage, wine, milk products, meat process, canned food, seasoning, candy, biscuit, coco products, feedstuff, soy sauce, herb medicine, pharmaceuticals products, tobacco flavor and all kind of flavor and fragrance compound.



"STAR LAKE" ETHYL MALTOL--suggested dosage

Usage: One gram Ethyl maltol need to be dissolved in 55ml water or 10ml of 95% ethanol or 17ml propylene glycol, and then add applications in the products according to formula.

	gram/one hundred kg		gram/one hundred kg
Beverage and fruit drinks	10-50	Meat process,canned food	30-66
Fruit style soda pop	2-10	Tomato soft drink(sauce,soup)	10-50
Dairy products	10-40	Seasoning	50-80
Cocoa products	5-10	Soy sauce	15-20
Ice-cream, cake	30-50	Wine(miller,spirit,fruit,grape)	10-25
Pudding,desert	50-88	Cigarette	30-80
Biscuit,bread,oatmeal	25-80	Cosmetic	20-70
Candy,jelly	30-88	Others	10-80
Betelnut	10-80		

Notes: Ethyl maltol must be applied in the post-production process, and should be added together with the other flavor when applied in the drinking and wine. It is easy to occur the chemical reaction between Ethyl maltol and ferric ion. If Ethyl maltol accesses to the ironware, the product will gradually turn red. So please note that Ethyl maltol should not be stored in iron container, only suitable for storing in glass or plastic container.



"STAR LAKE" MALTOL



Chemical Name: 3-Hydroxy-2-Methyl-4-Pyrone

Molecular Formula: C₆H₆O₃

Molecular Weight: 126.11

CAS Number: 118-71-8

EINECS No.: 204-271-8

FEMA No.: 2656

INS No.: 636

PROPERTIES: A white, crystalline powder, having a characteristic caramel-butterscotch odor and a suggestive of a fruity-strawberry aroma in dilute solution. One gram dissolves in about 82 ml of water, 21 ml of 95% ethanol, in 80ml of glycerin and 28 ml of propylene glycol, and 5 ml of chloroform. Its melting point is at about 160-164°C

FUNCTION AND APPLICATION: "Star Lake" Maltol is an effective and multifunctional flavor enhancer. It has remarkable effect on increasing and strengthening the aroma and sweetness of the product. It is now widely applied in flavor and fragrance component, confections, chocolate, desserts, beverage, tobacco and pharmaceuticals products.



QUALITY STANDARD: Be in accordance with U.S.A. FCC

Inspection Items & Specification	INDEX	
	U.S.A. FCC	GB1886.282-2016
Property	A white crystalline powder with a characteristic caramel-butterscotch odor and is suggestive of a fruity-strawberry aroma in dilute solution	A white crystalline powder with a characteristic caramel-butterscotch odor and is suggestive of a fruity-strawberry aroma in dilute solution
Assay C₆H₆O₃ %	≥ 99.0	≥ 99.5
Melting Point °C	160.0~164.0	160.0~164.0
Residue on ignition %	≤ 0.2	
Moisture %	≤ 0.5	≤ 0.3

PACKAGE: Sealed by polyethylene bag inside

Carboard carton: NW10kg size:52x44x17.5cm³ Paper barrel: NW25kg size: 36x36x42cm³

Composite can: NW0.5kg

STORAGE: Keep in a cool and dry place. Avoid being store in iron containers. Protect from light and keep containers closed. Avoid contamination from other special smell.



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Ethyl Maltol/Maltol





请关注公司公众号, 了解更多



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