

■ Glycyrrhizic Acid

Introduction

Product Properties: Glycyrrhizin (or glycyrrhizic acid or glycyrrhizinic acid) is the chief sweet-tasting constituent of *Glycyrrhiza glabra* (licorice) root. Structurally, it is a saponin used as an emulsifier and gel-forming agent in foodstuffs and cosmetics. Its aglycone is enoxolone assessed as a prodrug used in Japan to reduce the risk of liver cancer in people with chronic hepatitis C.

Functions: Glycyrrhizin is obtained as an extract from licorice root after maceration and boiling in water. Licorice extract (glycyrrhizin) is sold in the United States as a liquid, paste, or spray-dried powder. When in specified amounts, it is approved for use as a flavor and aroma in manufactured foods, beverages, candies, dietary supplements, and seasonings. It is 30 to 50 times as sweet as sucrose (table sugar).

Ingredient

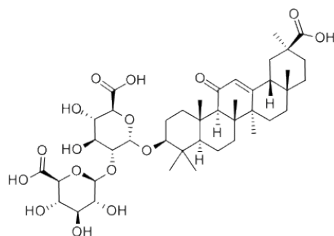
Product Name Glycyrrhizic Acid

CAS 1405-86-3

MF C42H62O16

MW 822.93

MS



Item and Standard

ITEMS	UNIT	STANDARD
Assay (HPLC)	%	≥98.0%
Appearance		White Powder
Odor		Characteristic Odor
Sulphated Ash	%	≤1.0%
Loss On Drying	%	≤1.0%
Particle size		100% pass 80 mesh
Heavy metal		≤10ppm
Pesticides		Negative
Total of bacteria		≤10000cfu/g



Qingdao Wanyuan Mountain Biotech Co.,Ltd
青岛万源山生物科技有限公司

Fungi	≤1000cfu/g
Salmonella	Negative
Coli	Negative

Application

Glycyrrhizic Acid is an anti-inflammatory, anti-aging, anti-allergic and skin whitening agent. It prevents dermatitis, rashes. It reduces toxic substances in cosmetics and is widely used in creams, moisturizers, softeners.



Packaging

25KG

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.