

## Ammonium α-glycyrrhizate, EvoPure<sup>®</sup> PRODUCT DATA SHEET

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**Product Name:** Ammonium α-glycyrrhizate, EvoPure®

Product Number: A157

CAS Number: N/A

Molecular Formula:  $C_{42}H_{62}O_{16} \cdot NH_3$ 

Molecular Weight: 839.96 Storage Conditions: -20°C

**Description:** Ammonium glycyrrhizate is an ammonium salt extract isolated from licorice

root and is commonly used as a flavoring agent and is also used in fragrances,

and skin and hair care products. Ammonium glycyrrhizate is a mixture of ammonium  $18\alpha$ - and  $18\beta$ -glycyrrhizate (ammonium salt of  $(20\beta)$ - $3\beta$ -[[2-O-( $\beta$ -D-glucopyranosyluronic acid]- $\alpha$ -D-glucopyranosyluronic acid]oxy]-11-oxoolean-

12-en-29-oic acid).

The  $18\beta$ -isomer is the main component, comprising an average of 82% of ammonium glycyrrhizate. The  $18\alpha$ - isomer can comprise up to 10% of

ammonium glycyrrhizate.

To see all of TOKU-E's ammonium glycyrrhizate related products, click here.

**References:** Scientific Opinion on the safety and efficacy of glycyrrhizic acid ammoniated

(chemical group 30, miscellaneous substances) when used as a flavouring for

all animal species. (2015). EFSA Journal, 13(1), 3971.

doi:10.2903/j.efsa.2015.3971

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