



February 9, 2016

SUBJECT: Specification change for RITAMECTANT SG (INCI: Stearyl Glycyrrhetinate)

Dear Customer:

The specification range and the method for testing the melt point in Stearyl Glycyrrhetinate is being changed to align it with the Japanese Standards of Quasi-drug Ingredients (JSQI). The raw materials (feedstock), manufacturing process, manufacturing facility remain the same. This change does not affect the product quality or performance.

Thank you for your continued business.

Sincerely,

Katherine S. Maka
Executive Director of R&D

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SPECIFICATIONS

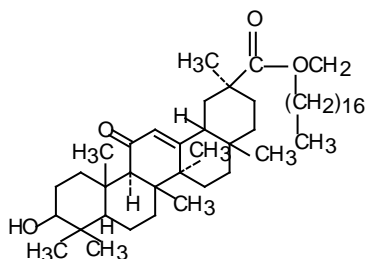


Product Code: 25200

Date: 02/09/2016

RITAMECTANT SG INCI Name Stearyl Glycyrrhetinate

DEFINITION: Stearyl Glycyrrhetinate is the ester of Stearyl Alcohol and Glycyrrhetic Acid. It conforms to the formula:



GENERAL DATA:

Physical Form @ 25°C	White to yellowish white crystalline powder
CAS Numbers	13832-70-7
Empirical Formula	C ₄₈ H ₈₂ O ₄

SPECIFICATIONS:

Melting Point, °C	73-80 (JSQI Method 1)
Loss on Drying, %	1.0 Max
Residue on Ignition, %	0.10 Max
Content, %	95 – 102
Chloride, % Max	0.053
Sulfate, % Max	0.144
Heavy Metals	20 ppm Max
Arsenic	2 ppm Max

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