

# Product Specification

medex

PHARMACEUTICALS · CHEMICALS

A HOBART COMPANY

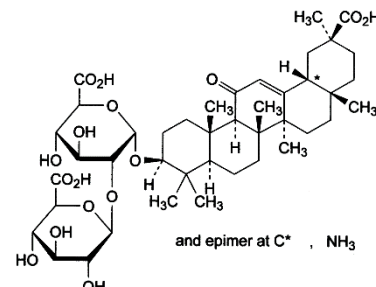
## PRODUCT Ammonium Glycyrrhizinate EP/BP

CAS [53956-04-0]

C<sub>42</sub>H<sub>65</sub>NO<sub>16</sub>

SYNONYMS

Ammonium Glycyrrhizate; Monoammonium Glycyrrhizinate;  
Glycyrrhizin Ammoniated;



CHARACTERISTICS

White or yellowish-white, hygroscopic powder.  
Slightly soluble in water, very slightly soluble in anhydrous ethanol, practically insoluble in acetone. It dissolves in dilute solutions of acids and of alkali hydroxides.

| TEST                      | SPECIFICATION   |
|---------------------------|---|
| Content                   | 98.0% to 102.0% (anhydrous substance)   |
| Identification            | Complies with EP/BP tests   |
| Appearance of solution    | The solution is clear and not more intensely coloured than reference solution BY <sub>7</sub>   |
| Specific optical rotation | + 49.0 <sup>0</sup> to + 54.0 <sup>0</sup> (anhydrous substance)  |
| Related substances        | 18 $\alpha$ -glycyrrhizic acid: Maximum 10.0%<br>impurity A: Maximum 5.0%<br>any other impurity: Maximum 2.0% (each)<br>sum of other impurities: Maximum 7.0% |
| Heavy metals              | Maximum 20 ppm  |
| Water                     | Maximum 6.0%  |
| Sulphated ash             | Maximum 0.2%  |

STORAGE

Should be stored in a well-closed container in a cool, dry place.

**THIS PRODUCT COMPLIES WITH THE SPECIFICATION OF THE EP/BP**

