

# Product Specification

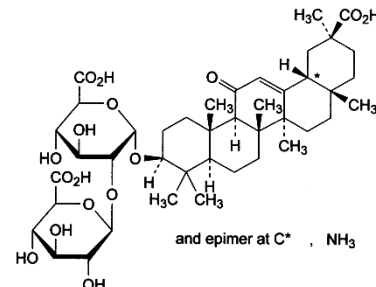
## PRODUCT Ammonium Glycyrrhizinate EP/BP

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% impurity A: Maximum 5.0% any other impurity: Maximum 2.0% (each) 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**

