

QUALITY SPECIFICATION

Ammonium Glycyrrhizate

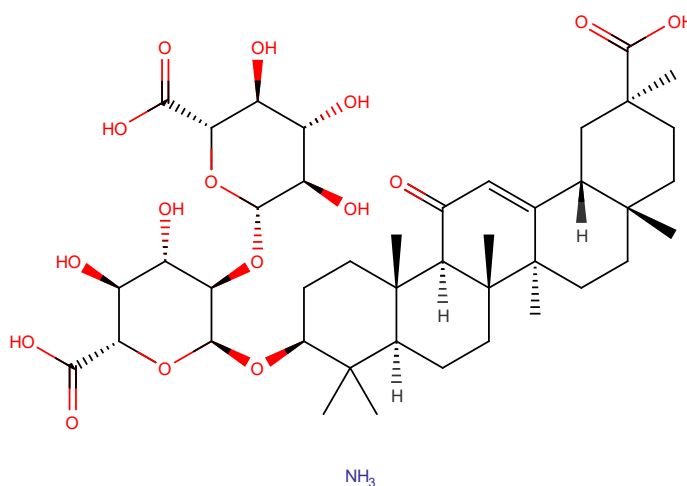
Catalog No.: NST-10-178

CAS No.: 53956-04-0

Molecular formula: $C_{42}H_{61}O_{16}NH_4$

MW: 839.97

Shelf life: 2 years



No.	Parameter	Specification
1.	Appearance	Hygroscopic powder
2.	Color	White or yellowish white
3.	Identification	A) To comply with the IR spectrum B) To comply as per EP
4.	Appearance of solution	The solution is clear and not more intensely coloured than the reference solution BY ₇
5.	Specific optical rotation	+49.0° to +54.0°
6.	Assay (anhydrous)	98.0 % - 102.0 % (Titration)
7.	18α-glycyrrhizic acid	≤10.0 %
8.	Impurity A	≤5.0 %
9.	Any other impurities	≤2.0 %
10.	Sum of other impurities	≤7.0 %
11.	Sulfated ash	≤0.2 %
12.	Water	≤6.0 %

13.	Ethanol	≤0.5 %
14.	Heavy Metals	≤20 ppm

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored