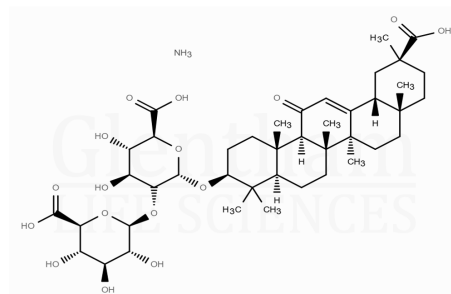


## Product Specification

Product Name	Glycyrrhizic acid ammonium salt
Glentham Code	GK2256
CAS Number	53956-04-0
EINECS	258-887-7
MDL-Nummer	MFCD00167400
PubChem SID	310274306

Molecular Weight	839.96 (anhydrous)
Molecular Formula	$C_{42}H_{62}O_{16} \cdot NH_3 \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification
Physical Description	White or yellowish-white, hygroscopic powder
Identification	According to EP
Appearance of Solution	According to EP
Specific Optical Rotation	+49.0 - +54.0 °
Related Substances	18 α-glycyrrhizic acid: ≤ 10.0%
	Impurity A: ≤ 5.0%
	Any Other Impurity: ≤ 2.0%
	Sum of Other Impurities: ≤ 7.0%
Heavy Metals	≤ 20ppm
Water	≤ 6.0%
Sulphated Ash	≤ 0.2%
Assay	98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.1
Date Created	- 2015-08-10

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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