NATURE SCIENCE TECHNOLOGIES

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CERTIFICATE OF ANALYSIS

Glycyrrhizic acid

LOT EX0174

Catalog No.: NST-10-22

CAS No.: 1405-86-3

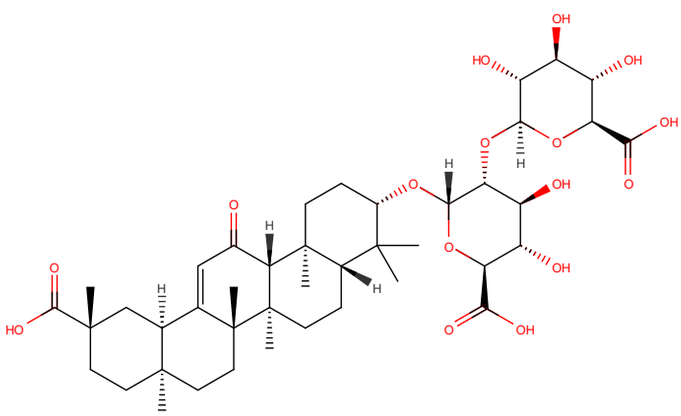
Molecular formula: $C_{42}H_{62}O_{16}$

MW: 822.93

Manufacturing date: 25.03.2026

Analysis date: 26.03.2026

Shelf life: 24 months



No.	Parameter	Specification	Results	Method
1.	Appearance	Powder	Conforms	Visual
2.	Color	White	Conforms	Visual
3.	Identification	Complies with the standard	Conforms	TLC and NMR
4.	Loss on drying	≤6.0 %	5.04 %	USP <731>
5.	Residue on ignition	≤0.2 %	0.12 %	USP <281>
6.	Assay	≥95.0 %	96.74 %	UV
7.	Heavy Metals	≤20 ppm	Conforms	ICP-MS
8.	Arsenic	≤2 ppm	Conforms	ICP-MS
9	TPC	$<10^3$ CFU/g	Conforms	USP <2021>
10.	TYMC	$<10^2$ CFU/g	Conforms	USP <2021>
11.	*Escherichia Coli*	Absent	Conforms	USP <2022>
12.	*Salmonella*	Absent	Conforms	USP <2022>
13.	*Staphylococcus aureus*	Absent	Conforms	USP <2022>

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

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 26.03.2026

This Certificate of Analysis is based on the manufacturer's quality control documentation for the referenced batch.