NATURE SCIENCE TECHNOLOGIES

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CERTIFICATE OF ANALYSIS

Fisetin

LOT EX0276

Catalog No.: NST-10-62

CAS No.: 528-48-3

Molecular formula: $C_{15}H_{10}O_6$

MW: 286.24

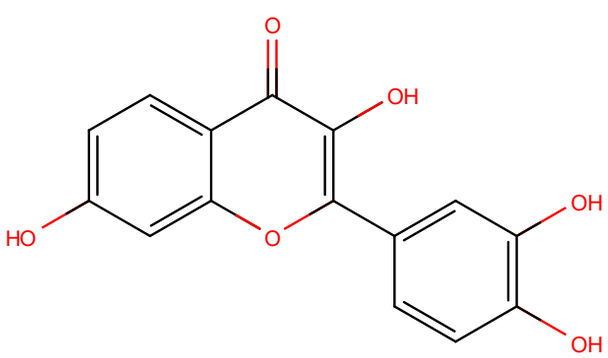
Botanical name: *Cotinus coggygria Scop.*

Used part: bark and stem

Manufacturing date: 06.03.2026

Analysis date: 13.03.2026

Shelf life: 24 months



No.	Parameter	Specification	Results	Method
1.	Appearance	Fine powder	Conforms	Visual
2.	Color	Light yellow	Conforms	Visual
3.	Odor	Characteristic	Conforms	Organoleptic
4.	Taste	Characteristic	Conforms	Organoleptic
5.	Mesh size/sieve	≥95 % pass 80 mesh	Conforms	80 mesh
6.	Bulk density	≤0.8 g/mL	Conforms	USP <616>
7.	Loss on drying	≤5.0 %	4.51 %	USP <731>
8.	Residue on ignition	≤5.0 %	0.65 %	USP <281>
9.	Identification	Complies with standard	Conforms	TLC
10.	Assay	≥98.0 %	99.56 %	HPLC
11.	Solvent residues	USP <467>	Conforms	GC

12.	Heavy Metals	≤10 ppm	Conforms	ICP-MS
13.	Lead	≤2 ppm	Conforms	ICP-MS
14.	Arsenic	≤1 ppm	Conforms	ICP-MS
15.	Mercury	≤0.1 ppm	Conforms	ICP-MS
16.	Cadmium	≤1 ppm	Conform	ICP-MS
17.	TPC	$<10^3$ CFU/g	Conform	USP <2021>
18.	TYMC	$<10^2$ CFU/g	Conform	USP <2021>
19.	*Escherichia Coli*	Absent	Conform	USP <2022>
20.	*Salmonella*	Absent	Conform	USP <2022>
21.	*Staphylococcus aureus*	Absent	Conform	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: 08.07.2026

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