NATURE SCIENCE TECHNOLOGIES

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# CERTIFICATE OF ANALYSIS

## Shikimic acid

**LOT EX0353**

Catalog No.: NST-10-116

CAS No.: 138-59-0

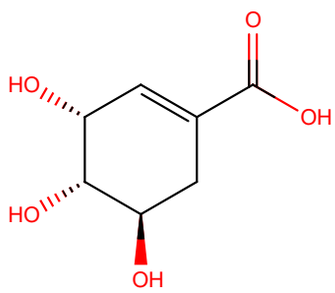
Molecular formula: $C_7H_{10}O_5$

MW: 174.15

Manufacturing date: 27.07.2026

Analysis date: 29.07.2026

Shelf life: 24 months




| No. | Parameter | Specification | Results | Method |
|---|---|---|---|---|
| 1. | Appearance | Fine powder | Conforms | Visual |
| 2. | Color | Off-white | Conforms | Visual |
| 3. | Identification | Conforms with the standard | Conforms | TLC&NMR |
| 4. | Loss on drying | ≤5.0 % | 0.03 % | USP <731> |
| 5. | Residue on ignition | ≤2.0 % | 0.36 % | USP <281> |
| 6. | Purity | ≥98.0 % | 99.98 % | HPLC |
| 7. | Heavy Metals | ≤10 ppm | Conforms | ICP-MS |
| 8. | Lead | ≤2 ppm | Conforms | ICP-MS |
| 9. | Arsenic | ≤1 ppm | Conforms | ICP-MS |
| 10. | Mercury | ≤0.1 ppm | Conforms | ICP-MS |
| 11. | Cadmium | ≤1 ppm | Conforms | ICP-MS |

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

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 29.07.2026

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