

# Apigenin 98% Specification Sheet

Public technical specification for buyer documentation review

**Source page:** <https://www.naturalbestbio.com/apigenin-98-somnigenin-pd511933448.html>

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| Field                        | Specification / note                                                                                                                                                                                                     |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingredient name              | Apigenin 98% — Somnigenin™                                                                                                                                                                                               |
| Synonyms                     | Apigenin; 4',5,7-trihydroxyflavone; chamomile flavone; apigenol                                                                                                                                                          |
| CAS number                   | 520-36-5                                                                                                                                                                                                                 |
| Machine-readable identifiers | InChIKey KZNIFHPLKGYRTM-UHFFFAOYSA-N · PubChem CID 5280443                                                                                                                                                               |
| Molecular formula            | C 15 H 10 O 5                                                                                                                                                                                                            |
| Molecular weight             | 270.24 g/mol                                                                                                                                                                                                             |
| Assay / purity               | 98% minimum by HPLC, stated on the Certificate of Analysis for each lot.                                                                                                                                                 |
| Source / production route    | Botanical extraction and purification (flavone naturally present in chamomile, parsley and celery). The plant source and solvent system for the supplied lot are stated on the specification sheet.                      |
| Appearance                   | Light yellow to yellow crystalline powder                                                                                                                                                                                |
| Solubility                   | Practically insoluble in water; soluble in DMSO and in dilute alkali. Particle size and wetting behaviour should be confirmed for the intended dosage form.                                                              |
| Typical applications         | Capsules, tablets and low-dose powder blends for B2B nutraceutical manufacturing; commonly formulated alongside magnesium, L-theanine and glycine                                                                        |
| Documentation                | Certificate of Analysis, specification sheet, botanical identity, heavy metals, microbiological testing, residual solvents, pesticide residues, allergen statement, GMO statement, particle size data and stability data |
| Quality system               | ISO 22000:2018, FSSC 22000, HACCP and GMP (certificates provided on request)                                                                                                                                             |
| Supplier                     | Nutrition BioTech, 1601 W. Mission Blvd, Suite 103 (DL#29), Pomona, CA 91766, United States                                                                                                                              |

**Public disclosure note:** This public sheet is prepared from the current NaturalBestBio product-page specification block. It is not a batch-specific Certificate of Analysis. Lot-specific COA and supporting records are available for qualified buyer review when appropriate.

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