

Dihydromyricetin 98% Specification Sheet

Public technical specification for buyer documentation review

Source page: <https://www.naturalbestbio.com/dihydromyricetin-98.html>

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Field	Specification / note
Ingredient name	Dihydromyricetin (DHM) 98%
Synonyms	DHM; dihydromyricetin; ampelopsin; ampeloptin; (2R,3R)-3,5,7-trihydroxy-2-(3,4,5-trihydroxyphenyl)chroman-4-one
CAS number	27200-12-0
Machine-readable identifiers	InChIKey KJXSIXMJHKAJOD-LSDHHAIUSA-N · PubChem CID 161557
Molecular formula	C 15 H 12 O 8
Molecular weight	320.25 g/mol
Assay / purity	98% minimum by HPLC, stated on the Certificate of Analysis for each lot.
Source / production route	Botanical extraction and purification from Ampelopsis grossedentata (vine tea) stem and leaf. The plant part and solvent system for the supplied lot are stated on the specification sheet.
Appearance	White to off-white or pale yellow crystalline powder
Solubility	Sparingly soluble in cold water and more soluble on warming; soluble in ethanol and in methanol.
Stability note	As a flavanonol with a pyrogallol B-ring, DHM is sensitive to alkaline pH, heat and prolonged oxygen exposure. Store cool and dry in a sealed container, and confirm compatibility for liquid shots and beverage formats before scale-up.
Typical applications	Capsules, tablets, sachets and stick packs, and shot formats subject to pH and stability review, for B2B nutraceutical manufacturing
Documentation	Certificate of Analysis, specification sheet, botanical identity, heavy metals, microbiological testing, residual solvents, pesticide residues, allergen statement, GMO statement 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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