

Fenugreek Extract Specification Sheet

Public technical specification for buyer documentation review

Source page: <https://www.naturalbestbio.com/fenugreek-extract.html>

Document date: 2026-08-01

Field	Specification / note
Ingredient name	Fenugreek Extract (Trigonella foenum-graecum L. seed extract)
Synonyms	Fenugreek seed extract; Trigonella foenum-graecum extract; methi seed extract
CAS number	Not applicable — multi-constituent botanical extract, identified by botanical source, plant part, extraction ratio and standardised marker rather than a single CAS number. The reference marker 4-hydroxyisoleucine carries CAS 55399-93-4 (C 6 H 13 NO 3 , 147.17 g/mol) where that standardisation is selected.
Botanical identity	Trigonella foenum-graecum L., Fabaceae; seed. Identity confirmed by macroscopic, TLC or HPLC fingerprint as agreed.
Standardisation	Standardised to an agreed marker — steroidal or furostanolic saponins by UV or gravimetric method, or 4-hydroxyisoleucine by HPLC. Marker, method and percentage are specified per order; grade options available on request.
Source / production route	Solvent extraction of cleaned fenugreek seed followed by concentration, purification and drying. Extraction ratio, solvent system and carrier are stated on the specification sheet.
Appearance	Light yellow to yellow-brown or brown powder, characteristic odour
Solubility	Partially soluble to dispersible in water depending on grade and carrier; solubility and taste or odour behaviour should be confirmed in the intended base, since fenugreek carries a pronounced sensory profile.
Typical applications	Capsules, tablets, powder blends and sachets for B2B nutraceutical manufacturing; commonly formulated alongside berberine, chromium and dietary fibre
Documentation	Certificate of Analysis, specification sheet, botanical identity, extraction-ratio statement, heavy metals, microbiological testing, residual solvents, pesticide residues, allergen statement, GMO statement, carrier declaration 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.

Nutrition BioTech | [naturalbestbio.com](https://www.naturalbestbio.com) | sales@naturalbestbio.com