

5-HTP Specification Sheet

Public technical specification for buyer documentation review

Source page: <https://www.naturalbestbio.com/5-http-20-98griffonia-seed-extract.html>

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Field	Specification / note
Ingredient name	5-HTP, supplied as Griffonia simplicifolia seed extract standardized to 5-hydroxytryptophan
Synonyms	5-HTP; L-5-hydroxytryptophan; oxitriptan; Griffonia seed extract; 5-hydroxy-L-tryptophan
CAS number	4350-09-8 (L-5-hydroxytryptophan)
Machine-readable identifiers	InChIKey LDCYZAJDBXYCGN-VIFPVBQESA-N · PubChem CID 439280
Molecular formula	C 11 H 12 N 2 O 3
Molecular weight	220.22 g/mol
Assay / purity	Standardized from 20% to 98% 5-HTP by HPLC. The exact assay grade is specified per order and stated on the Certificate of Analysis for each lot.
Source / production route	Seed of Griffonia simplicifolia (Baill.), West and Central Africa; extraction and purification, with the solvent system stated on the specification sheet.
Appearance	Off-white to light beige or tan powder; shade depends on assay grade
Solubility	Slightly soluble in water and improves on warming; solubility of standardized extracts varies with assay grade.
Typical applications	Capsules, tablets, powder blends and stick packs for B2B nutraceutical manufacturing; commonly formulated alongside magnesium, L-theanine and GABA
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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