

Huperzine A 1% Specification Sheet

Public technical specification for buyer documentation review

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Field	Specification / note
Ingredient name	Huperzine A 1% (HuperFocus™) — standardised Huperzia serrata extract
Synonyms	Huperzine A; (–)-huperzine A; selagine; club moss / firmoss extract; Huperzia serrata extract
CAS number	102518-79-6 (huperzine A, the standardised active)
Machine-readable identifiers	InChIKey ZRJBHWIHUMBLCN-YQEJDHNASA-N · PubChem CID 854026
Molecular formula	C 15 H 18 N 2 O (huperzine A)
Molecular weight	242.32 (huperzine A)
Assay / purity	Standardised to 1% huperzine A by HPLC (HuperFocus™); other standardisation levels available on request. Assay basis stated on the Certificate of Analysis.
Source / production route	Botanical extraction and purification from Huperzia serrata; plant part, extraction solvent and carrier are stated on the specification sheet
Appearance	Light yellow to yellowish-brown fine powder (1% standardised extract); isolated huperzine A is a white to off-white crystalline powder
Solubility	Poorly soluble in water; soluble in ethanol and DMSO. Particle size, wetting behaviour and carrier compatibility should be confirmed for the intended dosage form.
Low-dose handling	Typical inclusion is at microgram level per serving, so a premix or triturated dilution is normally used for blend uniformity and blend assay should be confirmed on the finished blend rather than the raw material alone
Typical applications	Capsules, tablets and low-dose nootropic powder blends for B2B nutraceutical manufacturing; commonly formulated alongside citicoline, L-theanine and B vitamins
Regulatory note	Permitted use and labelling of huperzine A differ between jurisdictions; buyers are responsible for confirming the regulatory status in the destination market before launch
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.

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