

Green Microalga Specification Sheet

Public technical specification for buyer documentation review

Source page: <https://www.naturalbestbio.com/green-microalga-pd537633448.html>

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Field	Specification / note
Ingredient name	Green microalga (microalgal biomass powder, or microalgal extract)
Synonyms	Green algae powder; green microalgal biomass; Chlorophyta biomass; microalgal powder
CAS number	Not applicable — a multi-component whole-cell microalgal material, identified by genus, species and cultivation route rather than by a single CAS number. Where a single standardised marker is required, that marker's CAS number is stated on the specification sheet.
Molecular formula	Not applicable (multi-component biological material)
Molecular weight	Not applicable (multi-component biological material)
Assay / purity	Standardised to the agreed marker, for example total chlorophyll or total carotenoids, by UV or HPLC; the exact marker, method and specification range are confirmed per order. Grade options available on request.
Source / production route	Cultivated green microalga (division Chlorophyta). Genus and species, cultivation system, harvesting method, any cell-wall treatment and the drying route are confirmed per order and stated on the specification sheet.
Identity confirmation	Species identity is confirmed per lot; because commercial green microalgae are not interchangeable in composition, colour or sensory profile, the species should be fixed in the specification before formula lock
Appearance	Green to dark green fine powder with a characteristic algal odour
Solubility	Dispersible in water as a suspension rather than truly soluble; whole-cell powders sediment on standing. Particle size, dispersion behaviour and colour carry-over should be confirmed for the intended dosage form.
Sensory note	Colour and algal taste and odour transfer readily into finished formats, so taste, odour and colour fit should be checked at the intended use level before formula lock
Typical applications	Capsules, tablets, sticks and sachets, and greens or beauty-from-within powder blends for B2B nutraceutical manufacturing
Documentation	Certificate of Analysis, specification sheet, species identity, heavy metals with arsenic speciation available on request, microbiological testing, pesticide residues, residual solvents for extract grades, 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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