

Elderberry Extract Specification Sheet

Public technical specification for buyer documentation review

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Field	Specification / note
Ingredient name	Elderberry extract 50:1, 25% total anthocyanins (Sambucus nigra L. fruit extract)
Synonyms	Elderberry; black elderberry; European elder; Sambucus nigra L. fruit extract; elderberry anthocyanin extract
CAS number	Not applicable — multi-constituent botanical extract. Identity runs through botanical source, plant part, extract ratio and standardisation marker rather than a CAS number.
Botanical source	Sambucus nigra L., fruit (berry). Country of origin stated on the specification sheet.
Extract ratio	50:1
Standardisation	25% total anthocyanins by HPLC. The specification range is stated on the Certificate of Analysis for each lot.
Production route	Extraction of the fruit followed by concentration and spray drying. The solvent system is stated on the specification sheet.
Carrier / excipients	Spray-dried with maltodextrin at 5%. The carrier must be reflected in finished-product label declarations.
Appearance	Purple to dark purple-red powder
Solubility	Water-dispersible to water-soluble. Anthocyanin colour is pH-dependent and shifts in neutral to alkaline systems.
Typical applications	Capsules, tablets, gummies, syrups, sachets and beverage powders for B2B manufacturing. Gummy and syrup formats should be reviewed for pH, colour stability and heat exposure during processing.
Documentation	Certificate of Analysis, specification sheet, botanical identity, anthocyanin assay method, 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.

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