

ESSENTIAL CARE PLUS ·

Direct-from-source African botanicals · West Africa · essentialcareplus.com

TEMPLATE · PER-LOT RESULTS COMPLETED BY ACCREDITED LABORATORY

Quality Specification Sheet

Chebe Powder · traditional Chad hair-care botanical (topical, external use)

Product	Chebe Powder	Origin	Guéra region, Chad
Product type	Cosmetic raw material (topical)	Lot No.	_____
Botanical	Croton spp., Prunus mahaleb & traditional aromatics	Mfg / Best before	_____ / _____

Parameter	Method	Specification / Limit	Result
Appearance	Visual	Fine, free-flowing powder	_____
Colour	Visual	Greyish-green to khaki	_____
Odour	Olfactory	Characteristic, no rancidity	_____
Foreign matter	USP <561>	≤ 2 %	_____
Loss on drying (moisture)	USP <731>	≤ 10 %	_____
Total ash	USP <561>	≤ 12 %	_____
Heavy metals (Pb / As / Cd / Hg) ★	ICP-MS	Pb ≤ 10 · As ≤ 3 · Cd ≤ 3 · Hg ≤ 3 ppm (Health Canada cosmetic guidance)	_____
Microbiology ★	ISO 17516	Total aerobic count ≤ 10³ CFU/g; absence of E. coli, S. aureus, P. aeruginosa, C. albicans in 1 g	_____

★ Critical safety parameters. For external (topical) cosmetic use only; not for ingestion. Specifications are the acceptance limits each lot is tested against; measured per-lot values are recorded in the batch Certificate of Analysis issued by an ISO/IEC 17025 accredited laboratory. A COA is provided on request and billed separately; we recommend you also commission your own COA when you receive your order.

Testing laboratory: _____ Report / COA No.: _____

Date _____ Authorised signature _____ Disposition (Pass / Fail) _____

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Quality Specification Sheet

Dihé Spirulina · wild-harvested, Lake Chad (food / dietary supplement)

Product	Dihé Spirulina Powder (wild-harvested)	Origin	Lake Chad (Kanem), Chad
Organism	Arthrospira / Limnospira (wild)	Lot No.	_____
Product type	Food / dietary supplement	Mfg / Best before	_____ / _____

Parameter	Method	Specification / Limit	Result
Appearance & colour	Visual	Fine dark blue-green powder	_____
Odour / taste	Organoleptic	Characteristic, marine	_____
Loss on drying (moisture)	USP <731>	≤ 7 %	_____
Protein	Kjeldahl (N×6.25)	≥ 55 %	_____
Phycocyanin	Spectrophotometry	Declare per lot	_____
Microcystins ★	ELISA (ADDA)	≤ 0.5 mg/kg (USP Arthrospira monograph; Oregon 1 µg/g)	_____
Heavy metals (Pb / As / Cd / Hg) ★	ICP-MS, USP <233>/<2232>	Pb ≤ 0.5 · As(inorg.) ≤ 1.5 · Cd ≤ 1.0 · Hg ≤ 0.1 ppm	_____
Microbiology ★	USP <2021>/<2022>	Total aerobic ≤ 10⁴ CFU/g; yeast & mould ≤ 10³; E. coli absent/g; Salmonella absent/25 g	_____

★ Critical safety parameters. Microcystin screening is mandatory for wild-harvested spirulina. Specifications are the acceptance limits each lot is tested against; measured per-lot values are recorded in the batch Certificate of Analysis issued by an ISO/IEC 17025 accredited laboratory. A COA is provided on request and billed separately; we recommend you also commission your own COA when you receive your order. Final limits may be tightened to the destination market (US FDA / EU).

Testing laboratory: _____ Report / COA No.: _____

Date _____ Authorised signature _____ Disposition (Pass / Fail) _____