

Specification Sheet

PRODUCT INFORMATION

<p>Product: Muira Puama Dry Extract Powder DF4</p> <p>Process: Extraction, Filtration, Concentration, Homogenization, Pasteurization & Spray Drying</p> <p>Ingredients: Muira puama bark & Maltodextrin</p> <p>Origin Appearance: Light Brown</p> <p>Botanical Source: <i>Ptychopetalum olacoides</i> (North)/<i>Croton echioides</i> (Northeast)</p> <p>Origin: Brazil</p> <p>Colorant: Free</p> <p>Irradiation: Free</p> <p>Application: Beverages, dietary supplements and related food products</p> <p>Note: Color may vary due to natural factors that affect the pigments in the botanical source</p>	<p>Code: XX8217</p> <p>Ratio: 4:1 (extract: powder)</p> <p>Family: Olacaceae/Euphorbiaceae</p> <p>Used Part: Bark</p> <p>Solvent: Alcohol/Water</p> <p>GMO: Free</p>
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ANALYSES DATA

Physical/Chemical Analyses

Assay	Limit/Specification	Test Method
Appearance	Hygroscopic Fine Power	IT-17
Color	Light Brown	IT-17
Flavor/Odor	Characteristic	IT-17
Particle Size	Pass 90% 60 mesh	Visual
Moisture (%)	Max 6%	IT-16
pH at 25°C	4.0-6.0	IT-12
Solubility (in water)	Soluble	Visual
Density (g/mL)	.300-.450	IT-14

Microbiological Analyses

Assay	Limit/Specification	Test Method
Standard Plate Count	<3,000 CFU/g	AOAC 990.12
Coliforms	<100 CFU/g	AFNOR 3M 01/2-09/89C
Escherichia coli	Absent	AOAC 991.14
Yeast/Mold	<100 CFU/g	AOAC 997.02
Staphylococcus aureus	Absent	AOAC 2003.11

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Salmonella sp	Absent in 25g	AOAC 2014.01
Enterobacteria	Absent	AOAC 2003.01

Heavy Metal Analyses

Assay	Limit/Specification	Test Method
Arsenic	< 1 ppm	MTFQ-003
Lead	< 1 ppm	MTFQ-003
Mercury	< 1 ppm	MTFQ-085
Cadmium	< 1 ppm	MTFQ-003

REGULATORY INFORMATION DATASHEET

Allergens/Hypersensitives

Cereals containing gluten	Wheat and products thereof (1,2,3,4)*	Not contain
	Rye and products thereof (1,3,4)*	Not contain
	Barley and products thereof (1,3,4)*	Not contain
	Oatmeal and products thereof (1,3,4)*	Not contain
	Hybridized strains (1,3,4)*	Not contain
Crustaceans and products thereof (1,2,3,4)*		Not contain
Egg and products thereof (1,2,3,4)*		Not contain
Fish and products thereof (1,2,3,4)*		Not contain
Peanut and products thereof (1,2,3,4)*		Not contain
Soybeans and products thereof (1,2,3,4)*		Not contain
Milk and products thereof including Lactose (1,2,3,4)*		Not contain
Chestnuts, Walnuts, Almonds and products thereof	Chestnut (Castanea spp) (1,2,4)*	Not contain
	Chiquapin (Castanea pumila) (2)*	Not contain
	Almond (Pruns dulcis,sin.) (1,2)* (Prunus amygdalus) (1)* (Amygdalus aommunis L.) (1,3)*	Not contain
	Hazelnut (Corylus spp.) (1,2)* (Amygdalus communis L.) (3)*	Not contain
	Cashew nut (Anacardium occidentale (1,2,3)*	Not contain
	Brazil nut (Bertholletia excelsa) (1,2,3)*	Not contain
	Macadamia (Macadamia spp.) (1,2)* (Macadamia ternifolia) (3)*	Not contain
	Walnut (Juglans spp.) (1,2)* (Juglans regia) (3)*	Not contain

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White nut (<i>Juglans cinerea</i>) (2)*	Not contain
Pecan (<i>Carya spp.</i>) (1,2)*	Not contain
Peacan nut (<i>Carya illinoensis</i>) (2,3)*	Not contain
Pistachio (<i>Pistacia spp.</i>) (1)* (<i>Pistacia vera</i> L.) (2,3)*	Not contain
Pine nut (<i>Pinus spp.</i>) (1,2)*	Not contain
Coconut (<i>Cocos nucifera</i> L.)	Not contain
Lichee nut (<i>Litchi chinensis</i> Sonn) (2)*	Not contain
Shea nut (<i>Vitellaria paradoxa</i> C.F.) (2)*	Not contain
Beech nut (<i>Fagus spp.</i>) (2)*	Not contain
Pili nut (<i>Canarium ovatum</i> Engl. In A. DC. (2)*	Not contain
Ginko nut (<i>Ginkgo biloba</i> L.) (2)*	Not contain
Natural latex (1)*	Not contain
Celery and products thereof (3)*	Not contain
Mustard and products thereof (3)*	Not contain
Sesame and products thereof (2,3)*	Not contain
Sulfur dioxide (3)* and sulfites (2,3,4)* ≥ 10 ppm (mg/Kg or mg/L)	Not contain
Lupin and products thereof (3)*	Not contain
Mollusk and products thereof (3)*	Not contain
Reference: (1)* RDC n° 727, de 01/07/2022, (2)* FDA, (3)* Regulamento (EU) n° 1169/2011, de 25/10/2011, (4)* Codex Alimentarius	

Statements & Certificates

Suitable for Vegetarians? (lacto-ovo)	Yes
Suitable for Vegans	Yes
KOSHER CERTIFIED	Yes, but available upon request
HALAL CERTIFIED	No, but available upon request w/ additional fee

GMO Status

The source materials used in the production of Muira puama are not derived from genetically modified organisms. In the manufacturing of Muira puama there are no processing aids (such as enzymes) which are derived from genetically modified organisms.

SHELF LIFE

36 months from manufacture if stored unopened in a dry, covered, ventilated place.

PACKAGING & SHIPPING

The product is packed in polyethylene bags as primary packaging and placed in barrels or multi-layer paper sacks for secondary packaging with a net weight of 25 kg. Loads are palletized and secured with stretch film. Store the product in a dry, well-ventilated, covered area, away from items with strong odors. Each pallet and shipment must be clearly labeled and accompanied by a certificate of analysis showing lot number, manufacture date, shelf life, and test results.

NUTRITIONAL INFORMATION

Serving size: 20g (2 soup spoon)

Amount per serving		% DV(*)
Energetic value (Kcal)	78	4
Carbohydrates (g)	19	6
Total Sugar (g)	0.54	-
<i>Add Sugar (g)</i>	0.54	1
Protein (g)	0	0
Total fat (g)	0	0
Saturated fat (g)	0	0
Trans fat (g)	0	0
Food Fiber (g)	0.78	3
Sodium (mg)	10.8	0.5
% Daily Reference Values based on a 2,000 kcal or 8,400 kJ diet. Your daily values may be higher or lower depending on your energy needs.		

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Revision History

Revision	Date	Description	Approved by
0	-	Initial Issue	-
1.25	5/14/2025	Add SDS	
2.25	12/17/2025	Change format, Add color variations by batch	Wanyi Yen
1.26	1/30/2026	Add northeast species	