BIONEXX



PLANTS & BOTANICAL EXTRACTS

From Madagascar

Product Catalogue by use | 2026

OVERVIEW BY PLANT

Our supply chain is built on **responsibility and transparency**. We work closely with farming communities committed to agroecological practices, free from synthetic pesticides, while ensuring full traceability from the field to the finished product. In line with the Sustainable Development Goals (SDGs) and the Global Biodiversity Framework, **we are committed to continuous improvement in the service of both people and nature**.
Bionexx is a member of UEBT, a non-profit association whose members strive to regenerate nature and secure a better future for all through ethical sourcing.

Number of references per plant and application range. Detailed specifications on the following pages.

COMMON NAME	RAW INGRED.	HEALTH & NUTRITION	COSMETICS	FLAVORS & FRAGRANCES	RATIO RANGE	ESSENTIAL OILS
BLACK PEPPER *Piper nigrum*	2	4		2	1	1
CENTELLA *Centella asiatica*	2	5	6		1	
CINNAMON *Cinnamomum verum*	3					1
CLOVES *Syzygium aromaticum*	1	3		2	1	1
COCOA *Theobroma cacao*	1	2				
GINGER *Zingiber officinale Roscoe*	1	2			1	2
GREEN COFFEE *Coffea robusta*	1				1	
HIBISCUS *Hibiscus sabdariffa*	1					
KOLA NUTS *Cola nitida*	1					
LONGOZA *Hedychium flavescens*				2		
PINK PEPPERCORN *Schinus terebinthifolius*	5			1	1	
RAVINTSARA *Cinnamomum camphora*						1
SPILANTHES *Spilanthes acmella L. oleracea*			5		1	
TURMERIC *Curcuma longa*	3	3		1	1	
WILD BLACK PEPPER *Piper borbonense*	1			2		
VANILLA *Vanilla planifolia*	4	3		14		
PAGE	**4**	**5**	**6**	**7**	**8**	**9**

From field to extract

Full traceability, agroecological practices and ethical sourcing as a UEBT member.



SPILANTHES

Spilanthes acmella L. oleracea

Harvest: March to July



GOTU KOLA

Centella asiatica

Harvest: September to February



LONGOZA

Hedychium flavescens

Harvest: March to April



VANILLA

Vanilla planifolia

Harvest: July to September



PINK PEPPERCORN

Schinus terebinthifolius

Harvest: April to June



CLOVES

Syzygium aromaticum

Harvest: October to January



TURMERIC

Curcuma longa

Harvest: August to November



BLACK PEPPER

Piper nigrum

Harvest: June to August (Light) and September to November (Strong)



WILD BLACK PEPPER

Piper borbonense

Harvest: July to November



CINNAMON

Cinnamomum verum

Harvest: February to June and September to December



GINGER

Zingiber officinale Roscoe

Harvest: June to August



KOLA NUTS

Cola nitida

Harvest: November to January



HIBISCUS

Hibiscus sabdariffa

Harvest: April to June



COCOA

Theobroma cacao

Harvest: April to June and October to November



RAVINTSARA

Cinnamomum camphora

Harvest: February to October



RED CHILI PEPPER

Capsicum chinense

Harvest: April to August



GREEN COFFEE

Coffea robusta

Harvest: May to July

PLANTS

	COMMON NAME *Latin Name*	PART	GRADE	ACTIVE INGREDIENTS	SPEC.	CODE	MOQ
	**BLACK PEPPER** *Piper Nigrum*	Heavy berries	Conventional	Piperine	2%	A0301	400KG
		Low-density berries	Conventional	Piperine	≤ 2%		850KG
	**BLACK VANILLA** *Vanilla Planifolia*	Gourmet	Conventional	Vanilin	1,7% - 2,5%	A0261	80KG
		Red US	Conventional	Vanilin	1,7% - 2,5%	A0267	100KG
		Cuts	Conventional	Vanilin	>1,5%	A0265	150KG
		Red Europe	Conventional	Vanilin	1,7% - 2,5%	A0412	80KG
	**CINNAMON** *Cinnamomum Verum*	Bark stick	Conventional	Tanins	N/A	A0340	400KG
		Unscraped bark	Conventional	Tanins	N/A		1800KG
		Scraped bark	Conventional	Tanins	N/A		1300KG
	**CLOVES** *Syzygium Aromaticum*	Cloves	Conventional	Eugenol	10%	A0341	500KG
	**CURCUMA** *Curcuma Longa*	Sliced Rhizome	Organic	Curcuminoids	3% - 5%	A0303	1000KG
		Sliced Rhizome	Conventional	Curcuminoids	3% - 5%	A0343	1250KG
		Ground Rhizome	Conventional	Curcuminoids	3% - 5%	A0387	900KG
	**GINGER** *Zingimber Officinalis*	Sliced Rhizome	Conventional	Gingerol	2% - 4%	A0304	650KG
	**GOTU KOLA** *Centella Asiatica L Urban*	Leaves	Conventional UEBT Verified	Triterpenes	> 8%	A0264	750KG
		Leaves	Conventional	Triterpenes	> 8%	A0263	850KG
	**GREEN COFFEE** *Coffea Robusta*	Green beans	Conventional	Chlorogenic acids	4% - 8%	A0344	620KG
	**KOLA NUTS** *Cola Nitida*	Nuts	Conventional	Cafeine & Polyphenols	N/A		780KG
	**PINK PEPPERCORN** *Schinus Terebinthifolius*	Berries	Conventional	Flavanoids & Polyphenols	Grade 1	A0414	400KG
		Berries	Conventional	Flavanoids & Polyphenols	Grade 2	A0404	450KG
		Berries	Conventional	Flavanoids & Polyphenols	Grade 3	A0359	850KG
		Berries	Conventional	Flavanoids & Polyphenols	Grade 4	A0310	1000KG
	**WILD BLACK PEPPER** *Piper Borbonense*	Berries	Wild	N/A	N/A	A0302	130KG
	**COCOA** *Theobroma Cacao Malvaceae*	Roasted Nibs	Conventional	Polyphenols	N/A		220KG
	**HIBISCUS** *Hibiscus Sabdariffa*	Flower	Conventional	Flavanoids	N/A		780KG

HEALTH & NUTRITION

	COMMON NAME *Latin Name*	TYPE	ACTIVES	SPEC.	CODE	MOQ
	**BLACK PEPPER** *Piper nigrum*	Concrete	Piperine	20%	A0181	50KG
		Oleoresin	Piperine	20%	A0182	60KG
		Crude Crystals	Piperine	70%		40KG
		Pure Crytals	Piperine	95%	A0180	25KG
	**CLOVES** *Syzygium aromaticum*	Concrete	Eugenol	50%	A0207	100KG
		Oleoresin	Eugenol	40%	A0188	40KG
		Absolute	Eugenol	>80%	A0189	15KG
	**TURMERIC** *Curcuma Longa*	Concrete	Curcuminoids	35-40%	A0192	100KG
		Crude Crystals	Curcuminoids	70%	A0250	40KG
		Pure Crystals	Curcuminoids	95%	A0251	35KG
	**GINGER** *Zingiber officinale*	Concrete (Hexane)	Gingerol	15%	A0190	30KG
		Concrete (AcOEt)	Gingerol	15%	A0308	20KG
	**GOTU KOLA** *Centella Asiatica L Urban*	Extract	Madecassoside	>60%	A0282	15KG
		Extract	Madecassoside	18%-20%	A0405	115KG
		Extract	TTP	30%-35%	A0280	85KG
		Hydroalcoolic Extract	TTP	18%-20%	A0175	125KG
		Hydrosoluble Extract	TTP	18%-20%	A0178	135KG
	**COCOA** *Theobroma cacao malvaceae*	Crude Powder (Crude Bean)	Polyphenol	N/A	A0420	185KG
		Powder (Roasted Bean)	Polyphenol	N/A		200KG
	**BLACK VANILLA** *Vanilla Planifolia*	Powder	Vanilin	>0,9%		125KG
		Powder	Vanilin	≥1,5%	A0379	75KG
		Exhausted seeds	Vanilin	N/A	A0035	140KG

COSMETICS

	COMMON NAME *Latin Name*	TYPE	ACTIVES	SPEC.	CODE	MOQ
		Concrete	Spilanthol	≥15%	A0051	20KG
		Concrete	Spilanthol	≥20%	A0438	15KG
	**BREDE MAFANE** *Spilanthes Acmella L Oleracea*	Extract	Spilanthol	≥40%	A0208	8KG
		Extract	Spilanthol	≥60%	A0423	5KG
		Extract	Spilanthol	80%	A0112	5KG
		Crude Crystals	Madecassoside	≥60%	A0348	15KG
		Crystals	Madecassoside	≥90%	A0407	8KG
	**GOTU KOLA** *Centella Asiatica L Urban*	Crystals	Genin	≥90%	A0378	15KG
		Crude Crystals	Asiaticoside	≥70%	A0300	15KG
		Crystals	Asiaticoside	≥95%	A0153	8KG
		Crytals	TECA	≥95%	A0196	15KG

FLAVORS & FRAGRANCES

	COMMON NAME *Latin Name*	TYPE	ACTIVES	SPEC.	CODE	MOQ
	**BLACK PEPPER** *Piper nigrum*	Absolute	Piperine	15%	A0211	20KG
		Aromatic Extract	Piperine	5%-10%	A0026	10KG
		Extract	Vanillin	1 fold	A0041	350KG
		Extract	Vanillin	2 fold	A0008	250KG
		Extract	Vanillin	3 fold	A0042	180KG
		Extract	Vanillin	4 fold	A0050	140KG
		Extract	Vanillin	5 fold	A0274	120KG
		Extract	Vanillin	10 fold	A0052	65KG
	**BLACK VANILLA** *Vanilla Planifolia*	Absolute	Vanillin	20 fold	A0119	40KG
		Extract	Vanillin	25 fold	A0149	30KG
		Extract	Vanillin	50 fold	A0275	20KG
		Concrete	Vanillin	8%-10%	A0214	15KG
		Oleoresin	Vanillin	≥5%	A0043	20KG
		Absolute	Vanillin	≥7%	A0134	10KG
		Absolute	Vanillin	≥20%	A0253	3KG
		Aromatic Extract	Vanillin	N/A	A0024	3KG
	**CLOVES** *Syzygium Aromaticum*	Aromatic Extract	Eugenol	N/A	A0025	25KG
		Absolute	Eugenol	≥80%	A0189	15KG
	**LONGOZA** *Hedychium flavescens*	Concrete	N/A	N/A	A0014	2KG
		Absolute	N/A	N/A	A0063	2KG
	**TURMERIC** *Curcuma Longa*	Aromatic Extract	Curcuminoids	≥5%	A0307	15KG
	**PINK PEPPERCORN** *Schinus Terebinthifolius*	Aromatic Extract	N/A	N/A	A0044	8KG
	**WILD BLACK PEPPER** *Piper borbonense*	Concrete	Piperine	5%	A0194	20KG
		Absolute	Piperine	8%	A0195	15KG

RATIO RANGE

	COMMON NAME *Latin Name*	ACTIVE INGREDIENTS	RATIO	CODE	MOQ
	**BLACK PEPPER** *Piper nigrum*	Piperine	4:1	A0286	90KG
	**BREDE MAFANE** *Spilanthes Acmella L Oleracea*	Spilanthol	4:1	A0288	70KG
	**CLOVES** *Syzygium Aromaticum*	Eugenol	3:1	A0292	170KG
	**TURMERIC** *Curcuma Longa*	Curcuminoids	5:1	A0284	170KG
	**GINGER** *Zingiber Officinalis*	Gingerol	6:1	A0285	70KG
	**GOTU KOLA** *Centella Asiatica L Urban*	Triterpenes	3:1	A0279	185KG
	**GREEN COFFEE** *Coffea robusta*	Cholorogenic acid	2:1	A0283	240KG
	**GREEN TEA** *Camellia sinensis*	Total Cathechins	2:1	A0290	40KG
	**PINK PEPPERCORN** *Schinus terebinthifolius*	Flavanoids & Polyphenols	3:1	A0291	170KG

ESSENTIAL OILS

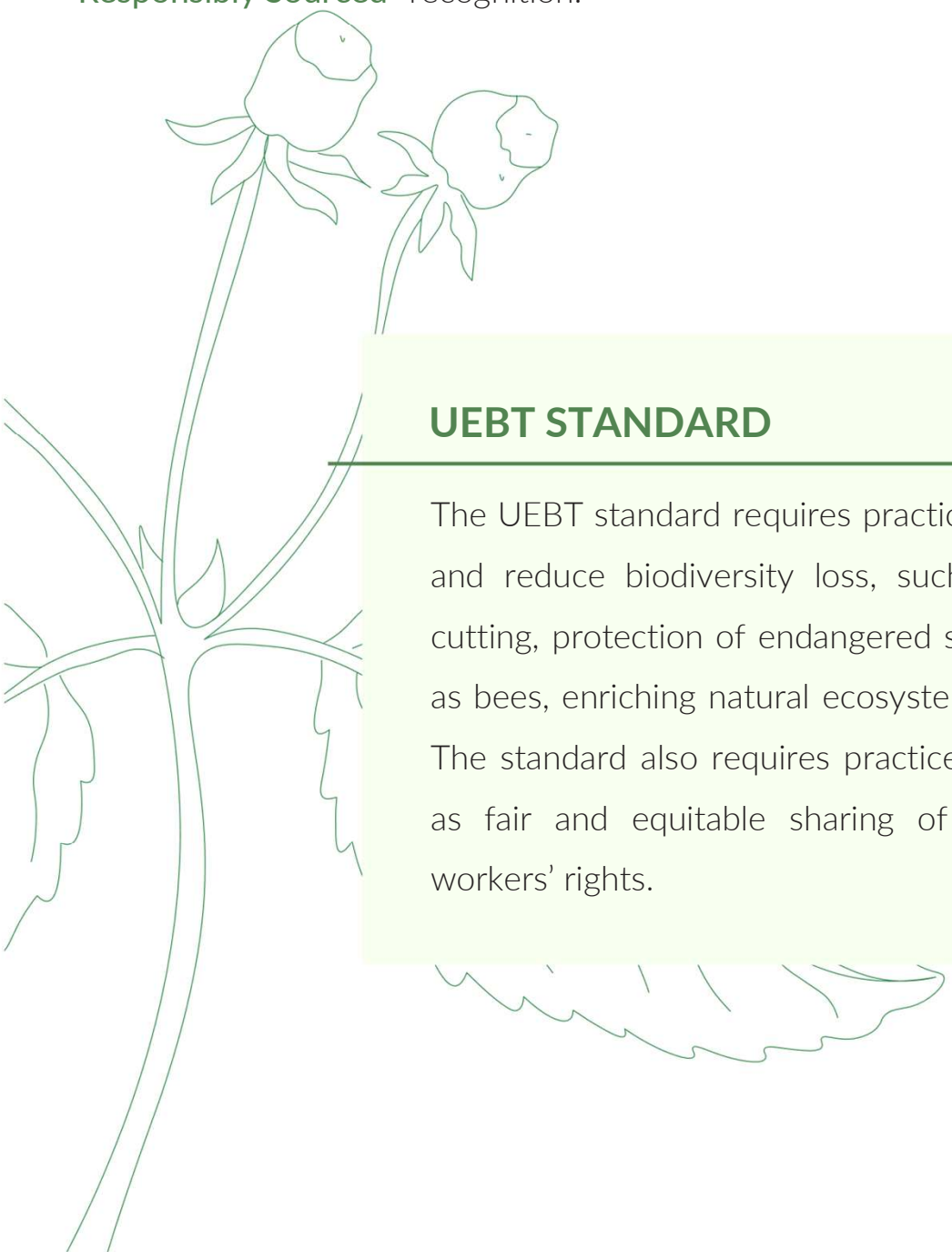
	COMMON NAME *Latin Name*	PART	CODE
	**BLACK PEPPER** *Piper nigrum*	Berries	A0006
	**BOURBON GERANIUM** *Pelargonium graveolens L'Hér*	Aerial part	A0019
	**CLOVES** *Eugenia caryophyllata*	Cloves	A0005
	**CINNAMON** *Cinnamomum zeylanicum Blume*	Bark	A0017
	**GINGER** *Zingiber officinale Roscoe*	Fresh Rhyzome Dried Rhyzome	A0075 A0021
	**RAVINTSARA** *Cinnamomum camphora (L.) J.Presl*	Leaves	A0074

Overview of the product types listed in this catalogue and the processes used to obtain them. Parameters (solvent, temperature, ratio) vary by product – please refer to each technical data sheet.

EXTRACT TYPE	PROCESS	KEY STEPS
Raw ingredients	Post-harvest processing	Harvest › curing or drying › sorting › slicing or grinding
Essential oil	Steam distillation	Steam passed through the plant material › condensation › decantation to separate the oil from the hydrosol
Concrete	Non-polar solvent extraction	Maceration in a non-polar solvent (e.g. hexane) › filtration › solvent evaporation under vacuum › waxy concentrate
Absolute	Ethanol washing of the concrete or oleoresin	Concrete dissolved in ethanol › chilling to precipitate waxes › filtration › ethanol evaporation under vacuum
Oleoresin	Ethanolic extraction	Extraction of the dried spice with an organic solvent › filtration › solvent removal › viscous extract with volatile and pungent fractions
Aromatic extract	TFE Gas solvent extraction	Extraction with TFE Gas › filtration › concentration
Fold extract	Hydroalcoholic percolation	Percolation of cured beans in water/ethanol › filtration › concentration. “Fold” = quantity of beans per unit volume
Hydroalcoholic / Hydrosoluble extract	Water-ethanol or water extraction	Maceration › filtration › concentration › drying
Ratio extract (X:1)	Extraction and drying	Extraction › concentration. X kg of plant give 1 kg of extract
Crude crystals	Crystallisation	Concentrated extract › crystallisation of the active › filtration › drying
Pure crystals	Recrystallisation / purification	Crude crystals › dissolution › recrystallisation (repeated) › drying › purity ≥ 90–95%-99%
Powder	Drying and milling	Drying of plant material › milling › sieving

Bionexx is a UEBT member. UEBT is a non-profit association whose members work to regenerate nature and secure a better future for all people through ethical sourcing of ingredients from biodiversity. For more information please visit www.uebt.org

Our Pink Peppercorn and Longoza are part of the UEBT membership program and are sourced in accordance with its standards. Both our Spilanthes acmella and Centella asiatica have been officially verified by the UEBT team to confirm the effective implementation of these practices. Spilanthes has also obtained "Responsibly Sourced" recognition.



UEBT STANDARD

The UEBT standard requires practices that respect biodiversity and reduce biodiversity loss, such as restrictions on forest cutting, protection of endangered species and pollinators such as bees, enriching natural ecosystems and reducing pesticides. The standard also requires practices that respect people such as fair and equitable sharing of benefits and respect for workers' rights.



CONTACT US

BIONEXX

Interested in learning
more about our extracts?
Reach out to us at
sales@bionexx.com