

BIORUŽA, s. r. o.

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CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Ylang Ylang Extra - Organic
LATIN NAME	<i>Cananga odorata</i>
COUNTRY OF ORIGIN	Comoros
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Flowers
USE	Aromatherapy, Natural Perfumery

SKU	1045
LOT #	18
MANUFACTURING DATE	November 2023
BEST BY DATE	November 2026

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.9246 - 0.975	0.9699
REFRACTIVE INDEX @20°C	1.49 – 1.509	1.5061
OPTICAL ROTATION @20°C	-45° to -10°	-32.48°

PHYSICAL APPEARANCE	Transparent liquid	
COLOR	Pale yellow to dark orange	
ODOR	Highly floral, characteristic of Ylang Ylang	
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Linalool , Germacrene D, Geranyl Acetate.
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COMPONENTS	Range %	%	COMPONENTS	Range %	%
GERMACRENE D	6–24	14,58	METHYL SALICYLATE	na	0,11
BENZYL ACETATE	na	11,48	BETA PINENE	na	0,09
LINALOOL *	<23	9,54	PHENYLETHYL ACETATE	na	0,09
BENZYL BENZOATE *	na	7,74	PHENOL 4 ETHENYL 2 METHOXY	na	0,09
PARA METHYL ANISOLE	na	7,57	NERYL ACETATE	na	0,09
ALPHA FARNESENE	na	6,62	BETA MYRCENE ⁶⁵	na	0,07
CINNAMYL ACETATE	na	5,06	EUGENOL *	na	0,07
GERANYL ACETATE	2–17	4,97	PARACRESOL	na	0,06
METHYL BENZOATE	na	4,47	LINALYL ACETATE	na	0,06
BENZYL SALICYLATE *	na	3,99	DELTA ELEMENE	na	0,06
BETA CARYOPHYLLENE	na	3,28	ALPHA CADINENE	na	0,06
ISOEUGENOL *	na	2,25	ISOEUGENOL DEHYDRODI	na	0,06
TRANS FARNESOL	na	1,95	METHYL 2 BUTENOL 3 OL 2	na	0,05
FARNESYL ACETATE	na	1,74	ETHYL BENZOATE	na	0,05
PRENYL ACETATE	na	1,57	BENZYL BUTYRATE	na	0,05

ALPHA HUMULENE	<i>na</i>	1,27		ALPHA CUBEENE	<i>na</i>	0,05
ALPHA CADINOL	<i>na</i>	1,27		ELEMOL	<i>na</i>	0,05
DELTA CADINENE	<i>na</i>	1,02		BENZOATE CIS 3 HEXENYL	<i>na</i>	0,04
PRENYL BENZOATE	<i>na</i>	0,83		NEROLIDOL	<i>na</i>	0,04
TAU MUUROL	<i>na</i>	0,76		CIS BETA OCIMENE	<i>na</i>	0,03
ISOPENTENYL ACETATE	<i>na</i>	0,68		CALAMENENE	<i>na</i>	0,03
GAMMA MUUROLENE	<i>na</i>	0,44		CINNAMYL BENZOATE	<i>na</i>	0,03
ALPHA COPAENE	<i>na</i>	0,43		PRENYL ALCOHOL	<i>na</i>	0,02
BETA ELEMENE	<i>na</i>	0,37		LIMONENE *	<i>na</i>	0,02
GERANIOL *	<i>na</i>	0,32		VERATROLE	<i>na</i>	0,02
ANETHOLE	<i>na</i>	0,28		CREOSOL	<i>na</i>	0,02
GAMMA CADINENE	<i>na</i>	0,24		ESTRAGOLE ⁶⁵	<i>na</i>	0,02
ALPHA PINENE	<i>na</i>	0,21		GERANIAL *	<i>na</i>	0,02
EUCALYPTOL	<i>na</i>	0,21		YLANGENE	<i>na</i>	0,02
HEXYL ACETATE	<i>na</i>	0,19		BENZYL CINNAMATE	<i>na</i>	0,02
ALPHA MUUROLENE	<i>na</i>	0,19		ETHYL ALCOHOL	<i>na</i>	0,01
GUAIOL	<i>na</i>	0,17		BUTYL ACETATE	<i>na</i>	0,01
CARYOPHYLLENE OXIDE	<i>na</i>	0,15		ISOAMYL ACETATE	<i>na</i>	0,01
PARA CRESYL ACETATE	<i>na</i>	0,14		BENZOIC ALDEHYDE	<i>na</i>	0,01
ALPHA TERPINEOL	<i>na</i>	0,13		TRANS BETA OCIMENE	<i>na</i>	0,01
BETA COPAENE	<i>na</i>	0,12		NEROL	<i>na</i>	0,01
CIS 3 HEXENYL ACETATE	<i>na</i>	0,11				
* EU Allergen ⁶⁵ =Prop 65						

COMMENTS	Odor quality is excellent.
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This Essential Oil is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge.

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