BIORUŽA, s. r. o.

Laborecká 1, 010 01 Žilina, IČO: 52234070, IČ DPH: SK2120953802, tel .: 00421 905 864 140, info@bioruza.sk

CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Bergamot
LATIN NAME	*Citrus aurantium* var. *bergamia*
COUNTRY OF ORIGIN	Italy
CULTIVATION METHOD	Conventional
TYPE	Essential Oil
EXTRACTION METHOD	Cold Pressed
PLANT PART	Peels
USE	Aromatherapy, Natural Perfumery

LOT #	15
MANUFACTURING DATE	January 2025
RETEST	January 2027

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20˚C	0.86 – 0.89	0.874
REFRACTIVE INDEX @20˚C	1.45 – 1.47	1.4694
OPTICAL ROTATION @20˚C	+8° to +38°	+37°

PHYSICAL APPEARANCE	Transparent liquid. Some deposits may appear (waxes).	*Conforms*
COLOR	Greenish yellow to green	*Conforms*
ODOR	Fresh, zesty, citrus aroma.	*Conforms*
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to extend freshness.	

PRIMARY CONSTITUENTS	Limonene, Linalyl Acetate, Linalool.

COMPONENTS	**Range %**	**%**		**COMPONENTS**	**Range %**	**%**
LIMONENE*	30 - 45	45.9		GAMMA-TERPINENE	*na*	6.9
LINALYL ACETATE	22 - 36	24.4		BETA-BISABOLENE	*na*	0.5
LINALOOL*	3 - 15	9.5		GERANIAL*	*na*	0.4
BETA-PINENE	*na*	4.9				
** EU Allergen [65] = Prop 65*						
COMMENTS	Odor quality is excellent. Caution: photosensitizing.					