BIORUŽA, s. r. o.

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CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Hyssop
LATIN NAME	*Hyssopus officinalis*
COUNTRY OF ORIGIN	Bulgaria
CULTIVATION METHOD	Conventional
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Leaves & Tops
USE	Aromatherapy, Natural Perfumery

LOT #	CE15
MANUFACTURING DATE	June 2025
RETEST	June 2028

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @25˚C	0.868-0.880	0.87283
REFRACTIVE INDEX @20˚C	1.460-1.471	1.4638
OPTICAL ROTATION @20˚C	-10˚ to 0˚	-3.44°

PHYSICAL APPEARANCE	Transparent liquid	*Conforms*
COLOR	Colorless	*Conforms*
ODOR	Fresh, pungent, lavender/mint-like aroma.	*Conforms*
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Linalool, 1.8 Cineole, Limonene.

COMPONENTS	**Range %**	**%**		**COMPONENTS**	**Range %**	**%**
LINALOOL*	*na*	43.36		DELTA3-CARENE	*na*	0.23
1,8-CINEOLE	*na*	15.19		ALPHA-FENCHENE	*na*	0.21
LIMONENE*	*na*	1.10		PSI-LIMONENE	*na*	0.14
BETA-PINENE	*na*	12.01		LINALOOL TRANS-OXIDE	*na*	0.13
ALPHA-PINENE	*na*	3.61		P-CYMENE	*na*	0.10
ALPHA-THUYENE	*na*	3.16		GERMACRENE D	*na*	0.07
CAMPHENE	*na*	2.56		MYRTENOL	*na*	0.07
BETA-CARYOPHYLLENE	*na*	2.37		ALPHA-PHELLANDRENE	*na*	0.06
BETA-MYRCENE[65]	*na*	2.16		ESTRAGOL[65]	*na*	0.06
SABINENE	*na*	1.90		BICYCLOGERMACRENE	*na*	0.06
ISOPINOCAMPHONE	*na*	3.36		TRICYCLENE	*na*	0.05
TRANS-BETA-OCIMENE	*na*	0.64		MYRTENYL METHYL ETHER	*na*	0.05
CIS-BETA-OCIMENE	*na*	0.32		BETA- PHELLANDRENE	*na*	5.25
PINOCAMPHONE	*na*	10.38				

** EU Allergen [65]= Prop 65*