

BIORUŽA, s. r. o.

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CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Hyssop
LATIN NAME	<i>Hyssopus officinalis</i>
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 2030

	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.
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COMPONENTS	Range %	%	COMPONENTS	Range %	%
LINALOOL*	na	1.36	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	43.36	TRICYCLEN	na	0.05
TRANS-BETA-OCIMENE	na	0.64	MYRTEYL 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