

ANALYTICAL CERTIFICATE

№ 1136 / 24.07.2023

Test sample: Rose Oil

Batch: LOT – 2.1.23

№	PROPERTIES	STANDART	RESULT
1.	Appearance	According ISO 9842:2006	Fluid transparent liquid above the congealing point
2.	Colour	According ISO 9842:2006	Pale yellow
3.	Odour	According ISO 9842:2006	Typical of Bulgarian Rose Oil
4.	Characteristic components by GC-analysis (GC-FID – Agilent column - HP-INNOWAX – 60x0.25x0.25), % :		
	• Ethanol	max 2.0	0.37
	• cis-Rose oxide	-	0.06
	• trans-Rose oxide	-	0.02
	• Linalool	-	1.02
	• Phenylethanol	max 3.5	1.01
	• Geranyl Acetate	-	1.01
	• Citronellol	20.0 ÷ 34.0	31.68
	• Nerol	5.0 ÷ 12.0	11.43
	• Geraniol	15.0 ÷ 22.0	21.65
	• Eugenol	-	0.70
	• Methyleugenol	-	0.25
	• Farnesol	-	0.40
	• Heptadecane (C ₁₇)	1.0 ÷ 2.5	2.26
	• Nonadecane (C ₁₉)	8.0 ÷ 15.0	17.33
	• Nonadecene(C ₁₉)	-	0.55
	• Eicosane (C ₂₀)	-	2.04
	• Heneicosane (C ₂₁)	3.0 ÷ 5.5	4.75