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)

Product Name	**CLEMENTINE ESSENTIAL OIL**
Botanical Name	Citrus × clementina
Product Code	4199
INCI Name	Citrus Clementina (Clementine) Peel oil

Batch #	10512305
Manufacturing Date	MAY 2026
Best Before Date	APRIL 2027

Part Used	Peels
Extraction Method	Cold Pressed Essential Oil
Quality	100% Pure and Natural
Note Classification	Top Note

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Orange to reddish yellow colored liquid	CONFORMS
Odour	Fresh, characteristic citrusy-sweet, tangy-green aroma	CONFORMS
Refractive Index	1.468 - 1.478 @ 20°C	1.472
Specific Gravity (g/mL)	0.840 - 0.860 @ 20°C	0.853
Optical Rotation (	+92° to +100°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS	RESULTS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS	RESULTS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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. The analysis and statements herein constitute the most complete information available to BIORUŽA s.r.o. This product is guaranteedby BIORUŽA s.r.o. to be of excellent quality.