

Gabriella Oils

Gabriella Oils | www.gabriellaoils.com | info@gabriellaoils.com

CERTIFICATE OF ANALYSIS (COA)

| | |
|--------------------------|------------------------------|
| Product Name | YUZU ESSENTIAL OIL |
| Country of Origin | Japan |
| Botanical Name | Citrus junos Sieb. ex Tanaka |
| CAS # | 233683-84-6 |
| FEMA # | 4862 |

| | |
|--------------------------|------------------------------|
| Part Part | Fruit Peel |
| Quality | Pure Undiluted Essential Oil |
| Extraction Method | Steam Distillation |
| Batch Number | YZ-2026-01 |
| Date of Analysis | 20/04/26 |

| <u>TEST</u> | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|--------------------------------------|---|----------------|
| Appearance | Colourless to pale yellow coloured liquid | CONFORMS |
| Odour | Bright, strong, citrus aroma with balsamic notes in the drydown | CONFORMS |
| Refractive Index @25°C | 1.460 - 1.490 @ 20°C | 1.473 |
| Specific Gravity (g/mL) @25°C | 0.830 – 0.860 @ 20°C | 0.844 |
| Solubility | Soluble in alcohols and fixed oils; Insoluble in water | CONFORMS |

Natural variation in colour, clarity and viscosity may occur between batches due to botanical origin, seasonal variation, extraction profile and storage temperature.

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| <u>MICROBIAL ANALYSIS</u> | <u>SPECIFICATIONS</u> | <u>STANDARDS</u> | <u>RESULTS</u> |
|---|-----------------------|------------------|----------------|
| 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 |

| <u>HEAVY METAL TESTS</u> | <u>SPECIFICATIONS</u> | <u>STANDARDS</u> | <u>RESULTS</u> |
|-----------------------------------|-----------------------|------------------|----------------|
| 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:

Store in a tightly closed container in a cool, dry place, protected from sunlight. Quality should be reviewed after 36 months from the date of opening or receipt.

STATEMENT:

This Certificate of Analysis is based on supplier-provided technical data and Gabriella Oils' internal review for consistency with the supplied product documentation. It is not an independent laboratory certificate.

This document relates only to the batch identified above. The user is responsible for ensuring suitability and legal compliance in the final application.

Natural botanical extracts may display normal variation in colour, aroma, clarity and viscosity from batch to batch. This does not affect authenticity or intended cosmetic use.

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