



No ST 519, Jalan Tunas Baru,
Seksyen 1/4, Kawasan MIEL
Masjid Tanah Phase 1,
78300 Masjid Tanah Melaka
Tel: +606-3842800, Fax: +606-3842900
email: admin@tropical bioessence.com.my

TROPICAL BIOESSENCE SDN. BHD.

CERTIFICATE OF ANALYSIS

Product : Jasmine oil
Botanical name : Jasmine grandiflorum flower Oil (Origin India)
Product Code : JME0 01
Mfg Date : May 2025 Exp Date : May 2028 Batch no: 052544B
Method : Steam Distillation

Appearance : Orange to brown liquid
Odour : Intensely floral, very sweet, tenacious, rich
Refractive index (25°C) : 1.478 - 1.528
Specific gravity (25°C) : 0.940 - 1.015
Solubility : Soluble in Alcohol and Fixed Oil, Insoluble in Water

TEST	RESULT	STANDARD
Heav Metals Content		
Arsenic (mg/kg)	N.D (<0.1ppm)	BP 2013, Appendix IID, ICP-AES
Lead (mg/kg)	N.D (<0.5ppm)	BP 2013, Appendix IID, ICP-AES
Cadmium (mg/kg)	N.D (<0.1ppm)	BP 2013, Appendix IID, ICP-AES
Mercury (mg/kg)	N.D (<0.1ppm)	BP 2013, Appendix IID, ICP-AES
Microbial Content		
<i>Pseudomonas aeruginosa</i>	Absent in 1g	BP 2013, Appendix XVIB, 1
<i>Staphylococcus aureus</i>	Absent in 1g	BP 2013, Appendix XVIB, 1
<i>Total Combined Yeast and Mould</i>	ND(<10) CFU/g	BP 2013, Appendix XVIB, 2
<i>Total Aerobic Microbial Count</i>	ND(<10) CFU/g	BP 2013, Appendix XVIB, 2
Assay by GC		
Benzyl Acetate	15.0 - 24.0%	
Phytol	7.0 -12.5%	
Squalene 2,3 Oxide	5.8 - 12%	
Benzyl benzoate	8.0 -12.0%	
Isophytol	5.0 - 8.0%	

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

The information in this Certificate Of Analysis is, to the best of our knowledge, information and belief, correct and consistent with the state of technical information available at the date of its publication. Tropical Bioessence Sdn. Bhd. cannot however accept liability for any loss, injury and/or damage that results from use or misuse of the information herein. This document remains the property of Tropical Bioessence Sdn. Bhd. and should not be copied or distributed without written authority.