



BEHALE

'be strong & healthy'

CERTIFICATE OF ANALYSIS

PRODUCT NAME	ROSE GERANIUM OIL ORGANIC
LATIN NAME	<i>Perlargonium Roseum x asperum</i>
CAS NO	90082-55-6
BATCH NUMBER	GERO1116PFE
COUNTRY OF ORIGIN	MADAGASCAR
PART OF PLANT USED	LEAVES (STEAM DISTILLED)

ANALYTICAL DETIALS	SPECIFICATIONS	RESULTS
COLOUR	CLEAR LIGHT GREEN TO GREEN	COMPLIES
ODOUR	SWEET ROSE FLORAL	COMPLIES
PHYSICAL STATE	LIQUID OIL	COMPLIES
REFRACTIVE INDEX (20°C)	1.4630 - 1.4730	1.4663
RELATIVE DENSITY (20°C)	0.8880 - 0.9000	0.8937
OPTICAL ROTATION		N/A (too dark)

Major constituent listing:		Specification
Name of Constituent:	Percentage	Percentage
LINALOOL	5.682	>5
MENTHONE	0.064	<1.2
ISO MENTHONE	6.2177	>5
CIS ROSE OXIDE	0.961	<1.7
TRANS ROSE OXIDE	0.376	
CITRONELLOL	25.245	<25
GERANIOL	12.819	>14
CITRNELLYL FORMATE	9.171	<12
GERANYL FORMATE	4.2222	>6
CARYOPHYLLENE	1.674	<5
GUIEDENE	7.179	>6
CITRONELLYL TIGLATE	0.000	<0.2
GERANYL TIGLATE	0.000	<0.7
10 EPI GAMMA EUDESMOL	0.000	0 - 3

STORAGE CONDITIONS	STORE IN A COOL DARK PLACE WITH LID ON
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EXPIRY DATE	01/2021
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LAB MANAGER
JESSICA LUTGE

DATE: 03/2018

This information is believed to be current and accurate, but is provided without any warranty expressed or implied. Customers are advised to determine in advance the safe conditions for use of this product.

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