



Certificate of Analysis

Product	Rosa centifolia L.
Country of Origin	France
Type	Absolute
Extraction	Solvent Extracted
Plant Part	Flowers
Batch	RKA14219
Date	December 2018
Best Before Date	3-5 Years

SPECIFICATIONS

SPECIFIC GRAVITY @20°C 0.936

REFRACTIVE INDEX @20°C 1.492

PHYSICAL APPEARANCE Transparent liquid Conforms

COLOR Greenish to yellow Conforms

ODOUR Rich and sweet, deep-rose, slight woodiness Conforms

SOLUBILITY Soluble in fixed oils, and alcohol

PRIMARY CONSTITUENTS Phenylethyl Alcohol, Citronellol, Geraniol

Components %

BENZYL ALCOHOL	0.6	NONADECENE-1	0.52
METHYL EUGENOL	0.35	NONADECANE	3.5
PHENYLETHYL ALCOHOL	36.55	GERANIOL	5.05
BETA-CARYOPHYLLENE(E)	0.25	GERANIAL	0.25
LINALOOL	0.2	EICOSANE	0.37
ALPHA-GUAIENE	0.12	EUGENOL	1.4
NEROL	2.1	HENEICOSANE	1.3
FARNESOL(E,E)	0.62	CITRONELLYL ACETATE	0.18
CITRONELLOL	6.35	DOCOSENE-1	0.22
HEXADECANOL-1	0.02	GERANYL ACETATE	0.5
PHENYLETHYL ACETATE	0.21	TRICOSANE	0.25