



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Carnation Absolute
LATIN NAME	<i>Dianthus caryophyllus</i>
COUNTRY OF ORIGIN	Egypt
CULTIVATION METHOD	Organically Grown, Uncertified.
TYPE	Absolute
EXTRACTION METHOD	Solvent Extracted
PLANT PART	Flowers
USE	Natural Perfumery

SKU	155
LOT #	13
MANUFACTURING DATE	November 2021
RETEST	November 2026

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.890 – 0.945	<i>na</i>
REFRACTIVE INDEX @20°C	1.465 – 1.525	1.4764
OPTICAL ROTATION @20°C	<i>na</i>	<i>na</i>

PHYSICAL APPEARANCE	Viscous liquid	<i>Conforms</i>
COLOR	Yellowish brown to green	<i>Conforms</i>
ODOR	Warm, floral, heavy, fruity, softly spicy.	<i>Conforms</i>
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

COMPONENTS	% RANGE	%		COMPONENTS	% RANGE	%
LINOLEIC ACID	<i>na</i>	17.91		ETHYL OLEATE	<i>na</i>	0.19
PALMITIC ACID	<i>na</i>	14.94		ETHYL LINOLEATE	<i>na</i>	0.76
9-PENTACOSENE	<i>na</i>	9.51		METHYL LINOLENATE	<i>na</i>	0.07
ALPHA-LINOLENIC ACID	<i>na</i>	8.45		HYDROCINNAMIC ACID	<i>na</i>	0.11
9-HEPTACOSENE	<i>na</i>	7.11		ETHYL LINOLENATE	<i>na</i>	0.38
EUGENOL *	<i>na</i>	6.41		PHYTOL	<i>na</i>	0.05
HENTRIACONTENE ISOMER	<i>na</i>	4.08		LAURYL PALMITATE	<i>na</i>	0.07
OLEIC ACID	<i>na</i>	3.28		MYRISTIC ACID	<i>na</i>	0.41
BENZYL BENZOATE *	<i>na</i>	2.57		2-PHENYLETHYL BENZOATE	<i>na</i>	0.23
LINOLEATE ESTER	<i>na</i>	1.76		HEPTACOSANE	<i>na</i>	0.07
9-NONACOSENE	<i>na</i>	1.63		PENTADECANOIC ACID	<i>na</i>	0.29
STEARIC ACID	<i>na</i>	1.11		BENZYL SALICYLATE *	<i>na</i>	0.97
BENZYL ALCOHOL *	<i>na</i>	0.08		HEPTADECANOIC ACID	<i>na</i>	0.24
PHENYLETHYL ALCOHOL	<i>na</i>	0.97		SQUALENE	<i>na</i>	0.12
3-METHYLBUTYL BENZOATE	<i>na</i>	0.05		PHENYLMETHYL PALMITATE	<i>na</i>	0.10
NONADECANE	<i>na</i>	0.06		LINALOOL *	<i>na</i>	0.02
3-HEXENOIC ACID	<i>na</i>	0.05		BETA-CARYOPHYLLENE	<i>na</i>	0.09
MALTOL	<i>na</i>	0.14		3-HEXEN-1-OL	<i>na</i>	0.12

CARYOPHYLLENE OXIDE	<i>na</i>	0.07		NONANAL	<i>na</i>	0.06
HEXYL BENZOATE	<i>na</i>	0.05		CAPROIC ACID	<i>na</i>	0.07
HENEICOSANE	<i>na</i>	0.16		PHENOL, 2-METHOXY-	<i>na</i>	0.34
ETHYL CINNAMATE	<i>na</i>	0.13		BENZOFURAN,2,3-DIHYDRO-	<i>na</i>	0.26
HEXADECANAL	<i>na</i>	0.10		BENZOIC ACID	<i>na</i>	0.41
4-VINYL-GUAIACOL	<i>na</i>	0.06		TETRACOSANE	<i>na</i>	0.07
DOCOSANE	<i>na</i>	0.05		LAURIC ACID	<i>na</i>	0.07
ETHYL PALMITATE	<i>na</i>	0.34		PENTACOSANE	<i>na</i>	0.07
TRICOSANE	<i>na</i>	0.96		NONADECANAL	<i>na</i>	0.06
<i>* EU Allergen</i>						

COMMENTS	Odor quality is excellent.
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This Absolute is a 100% pure and natural product and 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 Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

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Document created: 02.18.19

Document updated: 03.08.22