CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Calendula CO2
LATIN NAME	*Calendula officinalis*
COUNTRY OF ORIGIN	Various: (Germany, Egypt)
CULTIVATION METHOD	Conventional
TYPE	CO2 Total Extract
EXTRACTION METHOD	Supercritical Fluid Extraction
PLANT PART	Flowers
USE	Body/Skin Care

SKU	138
LOT #	30
MANUFACTURING DATE	December 2022
RETEST	December 2027

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20˚C	*na*	*na*
REFRACTIVE INDEX @20˚C	*na*	*na*
OPTICAL ROTATION @20˚C	*na*	*na*

PHYSICAL APPEARANCE	Waxy and solid at room temperature, liquid at 40°C	*Conforms*
COLOR	Red to brown	*Conforms*
ODOR	Herbaceous/green, waxy, warm and subtle.	*Conforms*
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. May require gentle heating to liquefy.	

PRIMARY CONSTITUENTS	Faradiol Ester, Carotenoids

COMPONENTS	**Range %**	**%**		**COMPONENTS**	**Range %**	**%**
CONTENT OF ESSENTIAL OIL	*na*	3.6		SUM OF STEROLS (CALC. AS SITOSTEROL)	*na*	2.5
SUM OF CAROTENOIDS (CALC. AS BETA-CAROTENE)	<0.1	0.07		SUM OF TARAXASTEROL AND AMYRINS (CALC. AS SITOSTEROL)	*na*	11.0
CONTENT OF FARADIOL ESTER	17-28	19.8				
** EU Allergen*						

COMMENTS	Odor quality is excellent.

This CO2 Total Extract is a 100% pure and natural product. It 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.

Eden Botanicals
www.edenbotanicals.com
info@edenbotanicals.com

T: 1-707-509-0041 / F: 1-707-949-2526
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