



## CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Rose Hydrosol - Organic
LATIN NAME	<i>Rosa x damascena</i> Herrm.
COUNTRY OF ORIGIN	Bulgaria
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Hydrosol
EXTRACTION METHOD	Hydrodistilled, with Cohobation (secondary distillation).
PLANT PART	Flowers
USE	Body/Skin Care

SKU	1585
LOT #	21
MANUFACTURING DATE	June 2023
BEST BY DATE	June 2025

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	0.9976
REFRACTIVE INDEX @20°C	na	na
OPTICAL ROTATION @20°C	na	na
pH (direct) @20°C	4 – 7.5	5.3

PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Colorless	Conforms
ODOR	Distinctive, fresh rose floral with soft citrus highlights.	Conforms
SOLUBILITY	Soluble in water and alcohol. Insoluble in fixed oils.	
SPECIAL USE INSTRUCTIONS	Refrigerate to preserve freshness	

PRIMARY CONSTITUENTS	Water, Essential Oil / Volatile Components
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COMPONENTS	Range %	%
WATER	Max 99.95%	na
TOTAL CONTENT OF ESSENTIAL OIL	Min 0.025%	0.092
ETHYL ALCOHOL*	Max 4	1.62

\*Ethyl Alcohol is a natural component of Rose Hydrosol and is obtained during the distillation process of the Rose flowers.

HEAVY METAL TESTS, mg/dm <sup>3</sup>		
Lead – Pb	na	Not detected

Cadmium – Cd	<i>na</i>	Not detected
Copper – Cu	<i>na</i>	Not detected
Arsenic – As	<i>na</i>	Not detected
Mercury - Hg	<i>na</i>	Not detected

<b>MICROBIOLOGICAL TESTS</b>		
Total heterotrophic germs, mould & fungi content, CfU/cm <sup>3</sup>	Max 1000	<10
Pathogeneous & germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. Coli, Candida albicans	<i>na</i>	None

<b>COMMENTS</b>	Odor quality is excellent
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This Hydrosol 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.

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