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## CERTIFICATE OF ANALYSIS

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### GENERAL INFORMATION

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Customer : Appalachian  
Product Description : Turkish Rosa Damascena Rose Oil  
Product Name : Rose Oil / Rose Otto / Rose Blossom Oil  
Date of Manufacture : July 2022

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### ORGANOLEPTIC ANALISYS

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Aspect : Liquid  
Odour : Characteristic rose, floral, spicy  
Colour : Light yellow - green

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### PHYSICAL-CHEMICAL PROPERTIES

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	<b>Test</b>	<b>Standarts</b>
Density	: 0.865 (20 C)	0.858 – 0.878 (20 C)
Refractive index	: 1.459 (20C)	1.452 – 1.465 (20 C)
Optical rotation	: -4	-6 to -2
Purity	: conforms	100 % Natural
Citronellol	: 32.5 %	29 - 42 %
Geraniol	: 18.9 %	13 - 24 %
Solubility	: 90 % alcohol	

Appalachian Valley Natural Products certifies that the quality of this product conforms to our product specifications

CAS NO.: 8007 –01-0  
FEMA : 2989  
EINECS : 290-260-3  
FDA Reg. Nr.: 13704218380