

## Certificate of Analysis

<b>Product</b>	WITCH HAZEL DISTILLATE (14% ALCOHOL)
<b>Lot #</b>	A16065
<b>Shelf Life</b>	3 years

Properties	Specifications	Results
Odor	Characteristic Witch hazel free from acetous odor	Conforms
Color	Colorless	Conforms
Clarity	0 – 0.25 NTU	0.10
pH @25 Deg. C	3.0 – 5.0	3.49
Specific Gravity @ 25 Deg C	0.979 – 0.983	0.981
Specific Gravity @ 20 Deg C	0.976 – 0.982	0.981
Total Non-Volatile Residue	Less than 25mg/100mL	2.0 mg/100mL
Acetone, other ketones, IPA, & t-Butanol	Negative	Negative
Formaldehyde	Negative	Negative
Limit of Tannins	Less than 0.03mg/mL	<0.03 mg/mL
% Alcohol C <sub>2</sub> H <sub>5</sub> OH by Volume	14.0 -15.0 %	14.6
Yeast & Mold Plate Count	<10 CFU/mL	Pass
Gram Neg/ Gram Pos. Bact. Plate Count	Max. of CFU/mL	Pass

This Certificate of Analysis was created by the manufacturer/distiller of the product. This information is believed to be up-to-date and correct; however, it is provided without any warranty. The customer is responsible for examining the product upon arrival and determining the safe use of the product in order to be in compliance with all applicable laws and regulations. The product must be stored in a cool, dry place away from direct light and heat, tightly sealed and away from children, the mentally infirm and pets. Essential oils shipped in amber plastic pharmaceutical grade bottles must be transferred to amber glass upon arrival, those shipped in aluminum bottles may be stored in such bottles for a minimum of 6 months, tightly sealed. All responsibility (including damage or injury) for the use of this and any other product purchased from Camden-Grey Essential Oils, Inc. rests with the purchaser/user. Camden-Grey's liability is limited to the paid value of this product.

## Certificate of Analysis

<b>Product</b>	WITCH HAZEL DISTILLATE (14% ALCOHOL)
<b>Lot #</b>	A14084
<b>Shelf Life</b>	3 years

Properties	Specifications	Results
Odor	Characteristic Witch hazel free from acetous odor	Conforms
Color	Colorless	Conforms
Clarity	0 – 0.25 NTU	0.10
pH @25 Deg. C	3.0 – 5.0	3.61
Specific Gravity @ 25 Deg C	0.979 – 0.983	0.981
Specific Gravity @ 20 Deg C	0.976 – 0.982	0.981
Total Non-Volatile Residue	Less than 25mg/100mL	4.1 mg/100mL
Acetone, other ketones, IPA, & t-Butanol	Negative	Negative
Formaldehyde	Negative	Negative
Limit of Tannins	Less than 0.03mg/mL	<0.3 mg/mL
% Alcohol C <sub>2</sub> H <sub>5</sub> OH by Volume	14.0 -15.0 %	14.5
Yeast & Mold Plate Count	<10 CFU/mL	Pass
Gram Neg/ Gram Pos. Bact. Plate Count	Max. of CFU/mL	Pass

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