

Certificate of Analysis

Product ALLSPICE ESSENTIAL OIL
Lot # C34375-2
Shelf Life 2 years

Properties	Specifications	Results
Appearance		Conform to standard
Aroma		Conform to standard
Color		Conform to standard
Eugenol	≥ 70	82.11
Methyl eugenol	$\geq 3 \leq 8$	5.56
Optical Rotation	$\geq -2 \leq +0.5$	-0.64
Phenol	$\geq 80 \leq 91$	85
Refractive Index @20 C	$\geq 1.5310 \leq 1.5360$	1.5363
Specific Gravity @25 C	$\geq 1.0370 \leq 1.0500$	1.0464
Specific Gravity @20 C	$\geq 1.0400 \leq 1.0530$	1.0494
Flash Point		200 F / 93 C

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.