



# candle**science**

## Certificate of Analysis

**CandleScience**  
1247 Person St.  
Durham, NC 27703

[support.candlescience.com](https://support.candlescience.com)  
[www.candlescience.com](https://www.candlescience.com)

**Date Prepared:** 2/7/2023  
**Essential Oil Name:** Pink Grapefruit  
**Lot Number:** 6337579  
**Best Before:** 10/26/2023

Characteristic	Specification	Result
Appearance	Liquid	Conforms to
Color	Yellow to Dark Red	Conforms to
Odor	Matches Standard	Conforms to
Specific Gravity	0.846 - 0.857	0.851
Refractive Index	1.472 - 1.476	1.474

**Storage:** Essential oils will last the longest if stored in an airtight container and refrigerated. We recommend refrigerating separately from food to avoid cross-contamination and for increased safety. If refrigeration is not possible, store in airtight containers in a cool, dry place.

No adulterants or diluents were detected. This oil meets the expected profile for this essential oil.

This Certificate of Analysis is valid without a signature



**candle**science****

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated. The values and specifications are valid for the time of analysis.



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## Specification Sheet

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**Essential Oil Name:** Pink Grapefruit  
**Shelf Life:** One year

Characteristic	Specification	Method
Appearance	Liquid	Visual
Color	Red	Visual
Odor	Firmenich Standard	Sensory Analysis
Specific Gravity (20°C)	0.849 to 0.860	Hydrometer
Refractive Index (20°C)	1.474 to 1.478	Refractometer
Optical Rotation	91.0° to 96.0°	Polarimeter

Component	Results	Method
Alpha-pinene	0.48	GC-MS
Octanal + Myrcene	1.98	GC-MS
Limonene	92.6	GC-MS
Decanal	0.36	GC-MS
Caryophyllene	0.35	GC-MS



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Nootkatone	0.14	GC-MS
7-Geranoxy coumarin	0.63	GC-MS

**This oil meets the expected profile for this essential oil.**

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