



EXTRACT CONSULTANTS, LLC.  
TERPENES - FLAVORS - BASES  
PO BOX 11433, DENVER, CO 80211  
www.extractconsultants.com  
INFORMATION: 1-888-541-9089

Order #: 306449

## Certificate of Analysis

Product Name: TERPINOLENE, SYNTHETIC  
Code #: TP1169  
Lot #: 1611000520  
PO #:  
Country of Origin:

Cas Number: 586-62-9  
Fema Number: 3046  
FDA Number: 172.515  
Mfg Date: 11/08/16

ORGANOLEPTIC:

ODOR: TERPENE-LIKE ODOR

PHYSICAL DATA:

PARAMETER	ACTUAL
Color:	COLORLESS
Specific Gravity @ 25deg.C:	.8601
Refractive Index @ 20deg.C:	1.490
Optical Rotation:	N/A
Solubility in 70% Alcohol:	N/A

**Chemical Data by GC,FID:**

Total Menthol Content:	N/A
Total Ester Content:	N/A
Dimethyl Sulfide:	N/A
Heavy Metals:	N/A

**STORE IN FULL, TIGHT CONTAINERS IN COOL PLACE (60 TO 78DEG.F), PROTECT FROM LIGHT.**

### CERTIFICATE OF ANALYSIS DISCLAIMER

Submission and receipt of this Certificate of Analysis does not preclude the purchaser or manufacturer from testing this item in the product will be used in. Application of this product should be tested to ensure suitability in the final product. Extract Consultants' responsibility of this manufactured or distributed item will be limited and subject to our Limitation of Product Liability policy (see Ordering Information).

**Warrantied: 1 Year from Date Shipped**  
**Shelf Life: 2 Years from Date Shipped**

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Quality Assurance

01/04/17