



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

Order #: 281769

Certificate of Analysis

Product Name: D-LIMONENE, NATURAL
Code #: TP1090
Lot #: 1410001748
PO #:
Country of Origin: U.S.A.

Cas Number: 5989-27-5
Fema Number: 2633
FDA Number: 182.6
Mfg Date: 10/28/14

ORGANOLEPTIC:

ODOR: CITRUS ODOR

PHYSICAL DATA:

| <i>PARAMETER</i> | <i>ACTUAL</i> |
|-----------------------------|---------------|
| Color: | COLORLESS |
| Specific Gravity @ 25deg.C: | .8394 |
| Refractive Index @ 20deg.C: | 1.472 |
| 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

Quality Assurance
09/01/15



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*THIS ITEM SOLD BY EXTRACT CONSULTANTS IS A 100% NATURAL PRODUCT
AND CONTAINS NO ARTIFICIAL OR SYNTHETIC INGREDIENTS.*

THE EXTRACTION METHOD FOR THIS PRODUCT IS RED/STILL

THE BOTANICAL NAME IS Citrus sinensis

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