



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

Order # 416334

## Certificate of Analysis

Product Name:	D-LIMONENE, ORGANIC	Cas Number:	5989-27-5
Product Code:	TP1090	Fema Number:	2633
Lot #:	2207000406	FDA Number:	182.6
PO #:	268	Mfg Date:	07/11/2022
Country of Origin:	U.S.A.		
Botanical Name:	Citrus sinensis		
INCI Name:	LIMONENE		
Extraction Method:	REDIST		

### ORGANOLEPTIC:

Odor CITRUS ODOR

### PHYSICAL DATA:

PARAMETER	ACTUAL	SPECIFICATION RANGE
Specific Gravity @ 25deg.C	.8409	0.830 - 0.845
Refractive Index @ 20deg.C	1.4711	1.468 - 1.477
Color	Colorless	COLORLESS TO PALE YELLOW LIQUID
Optical Rotation		

**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**

This is an electronically generated document and is valid without a signature.  
Date: **November 27, 2023**

version # 2023.07.25



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**Natural Certificate**

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Product Name: D-LIMONENE, ORGANIC  
Product Code: TP1090  
Lot #: 2207000406

*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 STEAM DIST*

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