



Earthcrew, Inc.

## **YUCCA EXTRACT**

**LIQUID CONCENTRATE – 50° BRIX**

**(FOOD GRADE)**

### **PRODUCT INFORMATION**

A concentrated natural extracted of *Yucca schidigera*. Extraction is by cold pressed processing to insure retention of all natural state attributes. Yucca extract contains the general food solids and Yucca saponins common to the Yucca species and is approved for use in food under FDA Federal Register Paragraph 21 CFR 172.510.

Country of Origin: USA/MEXICO

CERTIFIED ORGANIC: OMRI LISTED

### **PHYSICAL CHARACTERISTICS**

Appearance	Pourable Liquid
Taste/Odor	Bitter Sweet/Typical
Solubility	99.60% in Water
Specific Gravity	9.8 – 10.0 lbs./gallon
Concentration Level	50° Brix
pH	3.6 – 4.2
Country of Origin	USA/MEXICO

### **TYPICAL ANALYSIS**

Moisture	49.00 – 50.00%
Crude Protein	0.70 - 0.90%
Crude Fat	0.30% - 0.70%
Crude Fiber	0.20 – 0.30%
Ash (Mineral Matter)	2.30– 3.00%
Yucca Saponin Complex (As Butanol Soluble Solids)	8.00 – 12.00%
*Sodium Benzoate	0.10%

\*Added for preservation

\*Due to seasonal variations and fluctuations in the natural content of yucca, percent occurrences of individual component groups are subject to some variation from one lot number to another.

Distributed by Earthcrew, Inc.  
43 A Heartstone Drive  
Santa Fe, New Mexico 87506

**TYPICAL MICROBIOLOGICAL ANALYSIS**

Standard Plate Count	< 5,000 cfu/g
Yeast/Mold	< 10 cfu/g
Coliforms	< 10 cfu/g
Staphacoccus aureus	Negative
E Coli	Negative
Salmonella	Negative

**APPLICATION**

Yucca extract is an excellent natural foaming agent for use in a wide variety of food and beverage applications, particularly where a stable foam is required such as carbonated and cocktail beverages. Other applications include its use as a whipping agent for non-dairy products. Typical usage levels as a foaming agent will be in the range of 50 – 500 ppm.

**PACKAGING**

Standard package for this products is 250-gallon totes in food approved poly drums.

**Product Code YL50**

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## **MANUFACTURING PROCESS FOR YUCCA EXTRACTS**

RAW MATERIAL



WASHED STEMS OF YUCCA SCHIDIGERA



SPLIT AND SHREDED



EXTRACTION



PLANT SAP EXTRACTED BY HYDRAULIC PRESSURE – COLD PRESS EXTRACTION



EXTRACT CLEARED BY FILTRATION (NO REFINING WITH ORGANIC SOLVENTS LIKE BUTANOL THAT REDUCE THE BIOLOGICAL ACTIVITY OF THE FINAL PRODUCT)



Extract concentrated by lower temperature, vacuum evaporation



QUALITY CONTROL

Laboratory tests for total water soluble ingredients from the yucca by refractometer and total steroidal saponinens by chemical analysis assure guaranteed actives.



**PACKAGE YUCCA EXTRACTS**