

MOJAVE GOLD

SPRAY DRIED YUCCA SCHIDIGERA EXTRACT

TECHNICAL DATA SHEET

DESCRIPTION:	YUCCA SD 70 NP is the non-preserved spray dried concentrated natural extract of the Mohave Yucca Plant (<i>Yucca schidigera</i>).	
CONCENTRATION:	70 % \pm 2 % <i>Yucca schidigera</i> solids	
SAPONINS:	≥ 10 % determined by butanol soluble method	
MOISTURE:	≤ 7.0 %	
APPEARANCE:	Light brown / yellowish free flowing powder	
ODOR:	Bittersweet	
SOLUBILITY:	99.9 % at recommended usage levels	
COLOR:	≤ 1.5 absorbance of a 10 % w/w solution at 520 nm	
PRESERVATIVE:	None	
CARRIER:	50 % \pm 2 % Maltodextrin	
pH:	4.1 \pm 0.2 of 20 % w/w solution	
MICROBIOLOGICAL:	Yeast:	Less than 10 CFU/g.
	Mold:	Less than 10 CFU/g.
	Aerobic Plate Count:	Less than 100 CFU/g.
PACKAGING:	Packed in 50 pound fiber boxes with plastic liners. Keep tightly sealed when not in use to prevent caking of the material.	
SHELF LIFE:	Two years from date of manufacture in the original unopened container stored in a dry place between 5 and 25 °C. Keep away from direct sunlight.	
REGULATORY:	<i>Mohave Yucca (Yucca schidigera)</i> is approved for use in food and beverages by the FDA under CFR 172.510, FEMA number 3121.	