



# BAJA YD 50 NP

## SPRAY DRIED YUCCA SCHIDIGERA EXTRACT

### TECHNICAL DATA SHEET

<b>DESCRIPTION:</b>	<b>BAJA YD 50 NP</b> is the non-preserved spray dried concentrated natural extract of the Mohave Yucca Plant ( <i>Yucca schidigera</i> ).
<b>CONCENTRATION:</b>	50.0 ± 2.0 % w/w Yucca schidigera solids
<b>SAPONINS:</b>	≥ 9.0 % w/w (butanol soluble method)
<b>MOISTURE:</b>	≤ 7.0 % w/w
<b>APPEARANCE:</b>	Light brown to yellowish free flowing powder.
<b>ODOR:</b>	None at recommended usage level.
<b>SOLUBILITY:</b>	100 % w/w at recommended usage levels.
<b>COLOR:</b>	≤ 1.500 absorbance (10 % w/w filtered dilution, 520 nm)
<b>PRESERVATIVES:</b>	None
<b>CARRIER:</b>	50 ± 2 % w/w maltodextrin.
<b>pH:</b>	4.10 ± 0.20 (20 % w/w solution)
<b>MICROBIOLOGICAL:</b>	Yeast: Less than 100 CFU/g Mold: Less than 100 CFU/g Aerobic Plate Count: Less than 1000 CFU/g
<b>PACKAGING:</b>	Packed in 50 pound fiber boxes with plastic liners. Keep tightly sealed when not in use to prevent caking of the material.
<b>SHELF LIFE:</b>	Three years from date of manufacture in the original unopened container stored in a dry place at 5 to 25° C. Keep away from direct sunlight.
<b>REGULATORY:</b>	<i>Mohave Yucca (Yucca schidigera)</i> is approved for use in food and beverages by the FDA under CFR 172.510; FEMA number 3121.