



ANDEAN QE NP

PURIFIED QUILLAJA SAPONARIA EXTRACT

TECHNICAL DATA SHEET

DESCRIPTION:	ANDEAN QE NP is the non-preserved pure concentrated natural extract of the Chilean Soap Bark Tree (<i>Quillaja saponaria</i> Bark Extract or <i>Quillaja saponaria</i> Wood Extract).
CONCENTRATION:	47.5 ± 1.0 °Brix, 20 °C (by hydrometer)
APPEARANCE:	Dark brown liquid.
SPECIFIC GRAVITY:	≥ 1.210 (approximately 10 pounds/gallon).
COLOR:	≤ 1.500 absorbance (10% w/w filtered dilution, 520 nm).
ODOR:	None at recommended usage level.
PRESERVATIVES:	None.
pH:	3.90 ± 0.20 (direct measurement).
MICROBIOLOGICAL:	Yeast: Less than 100 CFU/g Mold: Less than 100 CFU/g Aerobic Plate Count: Less than 1000 CFU/g
PACKAGING:	Packed in one, five and fifty five gallons HDPE plastic containers.
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>Quillaja saponaria</i> Molina is approved for use in food and beverages by the FDA under CFR 172.510, FEMA number 2973, CAS N° 68990-67-0.