

ANDEAN Q ULTRA ORGANIC

PURIFIED QUILLAJA SAPONARIA EXTRACT TECHNICAL DATA SHEET

DESCRIPTION:	ANDEAN Q ULTRA ORGANIC is the purified natural extract of the Chilean Soap Bark Tree (<i>Quillaja saponaria</i> Bark Extract or <i>Quillaja saponaria</i> Wood Extract) made under organic regulation.
COMPOSITION:	≥ 18.0 % w/w purified Quillaja Extract solids. < 1.0 % w/w citric acid. 80.0 ± 2.0 % w/w Loss on Drying.
CONCENTRATION:	21.0 ± 2.0 °Brix @ 20 °C (by refractometer). 14.5 ± 1.5 % w/w Triterpenic Saponins (determined by UPLC). 5.5 ± 1.5 % w/w other naturally occurring Quillaja solids (sugars, low molecular weight polyphenols, etc.) Note: Natural extracts vary in content throughout the year, however, specific batch analysis are available upon request.
APPEARANCE:	Light amber liquid.
ODOR:	None at recommended usage level.
SPECIFIC GRAVITY:	≥ 1.06 (approximately 8.84 pounds/gallon).
COLOR:	≤ 0.700 absorbance (5 °Brix diluted filtered sample, 520 nm).
PRESERVATIVES:	None
pH:	3.80 – 4.80 (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 or five gallon HDPE plastic containers.
SHELF LIFE:	One year when stored at 5 to 25° C in the unopened originally sealed container.
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. Certified organic by IMO (120289-NOP processing) and OTCO (OT-002544 handling).

