



ANDEAN Q ULTRA NP

PURIFIED QUILLAJA SAPONARIA EXTRACT

TECHNICAL DATA SHEET

DESCRIPTION: ANDEAN Q ULTRA NP is the non preserved purified natural extract of the Chilean Soap Bark Tree (*Quillaja saponaria* Bark Extract or *Quillaja saponaria* Wood Extract).

CONCENTRATION: 21.0 ± 2.0 °Brix @ 20 °C (by refractometer)

PRODUCT COMPOSITION*: Triterpenic Saponins (determined by RP-HPLC)	14.5 % ± 1.5 %
Other naturally occurring Quillaja solids (sugars, low molecular weight polyphenols, etc.)	5.5 % ± 1.5
Water	80.0 % ± 2.0

*Note: Natural extracts vary in content throughout the year, however, specific batch analysis are available upon request.

APPEARANCE: Light amber liquid

TASTE: Bittersweet

SPECIFIC GRAVITY: ≥ 1.06 (approximately 8.84 pounds/gallon)

COLOR: ≤ 0.7 absorbance (10 °Brix diluted filtered sample, 520 nm)

PRESERVATIVES: None

pH: 3.8 – 4.8 (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: Guaranteed shelf life of two years when stored at 5 to 25° C in the unopened originally sealed container.

REGULATORY: *Quillaja saponaria* Molina is approved for use in food and beverages by the FDA under CFR 172.510, FEMA number 2973 and certified organic by IMO, USA, CAS N° 68990-67-0.